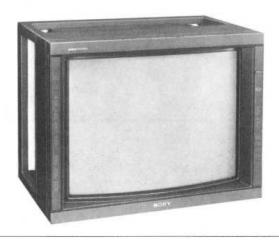
SERVICE MANUAL

US Model Canadian Model

Chassis No. SCC-A58A-A



December, 1986

THIS MANUAL CONTAINS SUPPLEMENTS No. 1.

SPECIFICATIONS

Note: The service manuals for RM-739 have been issued separately.

Color system

NTSC system

Picture tube

Trinitron tube

Approx. 63.5 cm picture measured diagonally,

100-degree deflection, AG Pitch 0.73 mm

Resolution

VTR inputs: 560 TV lines

RGB inputs: 640 × 200 dots (2000 characters)

Color temperature

9300°K

Frequency response

10 MHz (-3 to + 4 dB, RGB)

6 MHz (+3 dB, composite video)

Horizontal linearity

Less than ±5%

Vertical linearity

Less than ±5%

Line pull range

Horizontal: +500 Hz

Vertical: -8 Hz

Overscan of the picture

Less than +7%

Input return loss

More than 35 dB up to 4 MHz

Zooming

Within 5%

Convergence

Central area: within 1.0 mm Periphery: within 1.8 mm

VIDEO IN:

Inputs

LINE A/B: BNC connector

composite video, 1 Vp-p ±6 dB, sync negative,

75-ohms termination switchable

VTR: 8-pin connector.

composite video, 1 Vp-p ±6 dB,

sync negative, 75-ohms terminated

AUDIO IN:

LINE A/B: Phono jack,

-5 dBs, high impedance

VTR: 8-pin connector, -5 dBs,

high impedance

CMPTR

25-pin connector (See "Pin assignment")

Outputs

VIDEO OUT:

LINE A/B: BNC connector

AUDIO OUT:

LINE A/B: Phono jack

SPEAKER:

8 ohms

Power requirements

120 V AC, 50/60 Hz

Power consumption

180 W max

Dimensions

Approx. 653 × 508 × 491 mm (w/h/d)

(253/4 × 20 × 193/8 inches)

Weight

Approx. 53 kg (116 lb 14 oz)

Supplied accessories

Remote commander RM-739, with 2 batteries

BNC-Phono adaptor plug.......4

Optional accessories

SU-539 TV stand

SU-541 TV stand

SS-X6A speaker system APM-X5A speaker system

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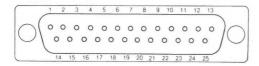


TRINITRON COLOR VIDEO MONITOR SONY



CMPTR connector (25-pin)

Pin assignment



Pin No.	Signal	Signal level
1*	IBM select	High state (5 V): IBM mode Low state: 3 Bit TTL
2	Audio select	High state (5 V or open): Audio inputs from pin 13. Low state (less than 0.4 V): Audio inputs from the LINE A AUDIO IN jacks
3	H. sync or composite sync	Negative polarity When the high state is selected at pin 9: 1 Vp-p, 75-ohm terminated When the low state is selected at pin 9: TTL level
4	Blue input	Positive polarity When the high state is selected at pin 9: Analog signal (0.7 Vp-p, 75-ohm terminated, non sync
5	Green input	1 Vp-p, 75-ohm terminated, with sync on G-signal) When the low state is selected at pin 9:
6	Red input	Digital signal (TTL level)
7		
8	No connection	_
9*	Analog/digital mode select	High state (open): Analog signal (0.7 Vp-p) Low state (ground): Digital signal (TTL level)
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from a microcomputer Low state (ground): Composite video inputs from the LINE A/LINE B VIDEO IN or VTF connector
11	V-sync	Negative polarity TTL level
12	Blanking	High state (5 V or open): Video inputs from a microcomputer only Low state (ground): Composite video input from the LINE A/LINE B VIDEO IN or VTR connector During the low state, the video signal from the microcomputer is blanked and the
		composite video signal from the LINE A/LINE B VIDEO IN or VTR connector is superimposed over the signal from the microcomputer.
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k ohms
14	No connection	_
15-24	Ground	
25*	IBM luminance signal	Positive polarity When the high state is selected at pin 1: TTL level When the low state is selected at pin 1: Low state (ground)

Design and specifications subject to change without notice.

TROUBLESHOOTING

If these symptoms occur when you begin operation, follow the suggestions below.

SYMPTOMS	CORRECTIONS
No controllable keys although the POWER switch is turned on.	Press the CONTROL key.
No indication appears although the CONTROL key is pressed.	Set the MANUAL CONTROL switch on the rear panel to ON.
Remote control is not possible.	Set the REMOTE CONTROL switch on the rear panel to ON.

If the problem still cannot be solved, contact your authorized Sony dealer.

SAFETY CHECK-OUT

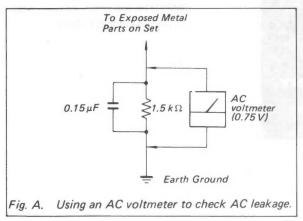
(US model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

- 1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
- 2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
- 3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
- 4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- Check the line cord for cracks and abrasion.
 Recommend the replacement of any such line cord to the customer.
- 7. Check the condition of the monopole antenna (if any).

Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.

- 8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
- Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.



LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- 2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

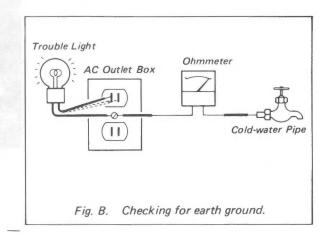


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SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK

NON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

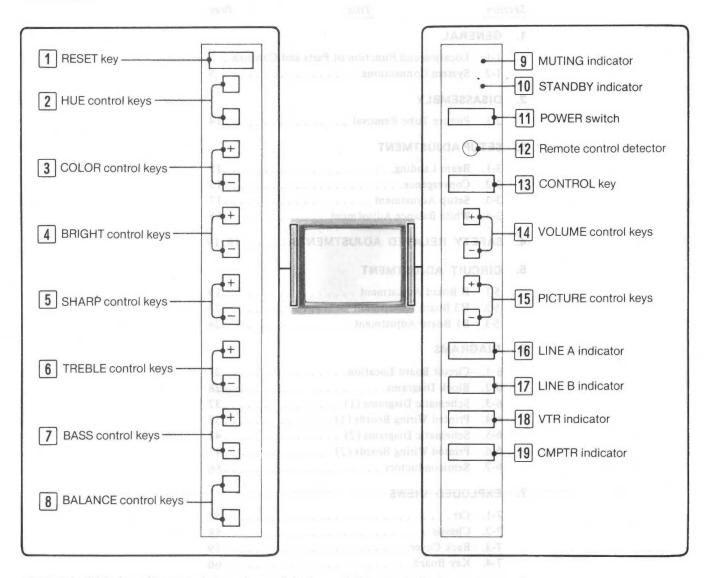
LES COMPOSANTS IDENTIFIÈS PAR UNE TRAME ET PAR UNE MARQUE A SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

SECTION 1

GENERAL

1-1. LOCATION AND FUNCTION OF PARTS AND CONTROLS

Front panel



Press CONTROL key after power is turned on to light the control keys or indicators.

The following control keys are effective only when MANUAL CONTROL switch on the rear panel is set to ON.

1 RESET key

Press this key to return to the standard setting.

• This key is effective only for the control keys on the left.

2 HUE control keys

Press the GRN (green) key to make the skin tones greenish or the PUR (purple) key to make it purplish.

3 COLOR control keys

Press the + key to make the color intensity vivid or the - key to make it pale.

4 BRIGHT (brightness) control keys

Press the + key to make the picture brighter or the - key to make it darker.

5 SHARP (sharpness) control keys

Press the + key to obtain a sharp picture or the - key to obtain a less sharp picture.

6 TREBLE control keys

Press the + key to increase the treble (high tone) or the - key to decrease it.

7 BASS control keys

Press the + key to increase the bass (low tone) or the - key to decrease it.

8 BALANCE control keys

Press the L key to increase the sound volume of the left speaker or the R key to increase the sound volume of the right speaker.

9 MUTING indicator

Illuminates while the sound is muted.

• Muting is controlled only by a remote commander.

10 STAND BY indicator

Illuminates when the POWER switch is turned off.

11 POWER switch

Press this switch to turn the monitor on. Press this switch again to turn it off.

- When the monitor is turned on, the settings of the monitor are the same as when it was last turned off.
- For a few seconds after turning on the monitor the color of picture may vary because the white balance is adjusted at this time. This is not a problem.

12 REMOTE control detector

The beam from the Remote Commander is received here.

13 CONTROL key

Press this key to illuminate the keys and indicators on the front panel.

Press this key again to extinguish them.

14 VOLUME control keys

Press the + key to raise the volume or the - key to lower it

15 PICTURE control keys

Press the + key to make the contrast, color intensity and brightness stronger or the - key to make them weaker.

16 LINE A indicator

- 17 LINE B indicator
- 18 VTR indicator

19 CMPTR (computer) indicator

When the input source is selected, each indicator:

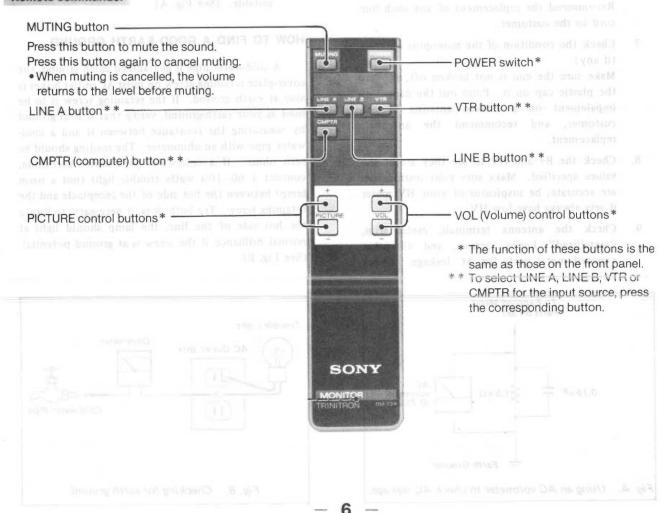
- Blinks if the indicators and keys excepting input source indicators illuminate.
- Illuminates if they are extinguished.

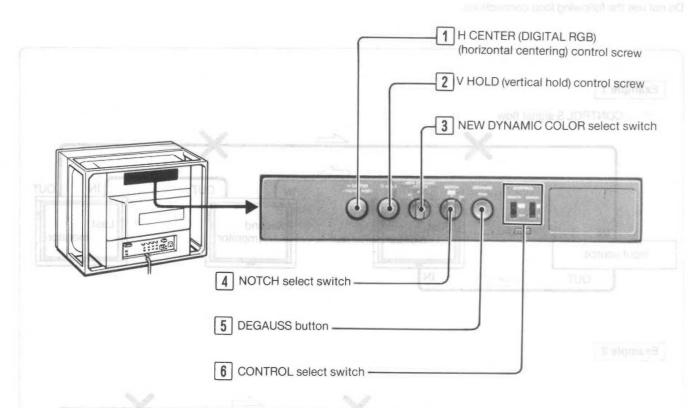
Key illumination

For the keys 1 through 8, 14 and 15:

- While each key is pressed, it blinks, indicating that adjustment is going on.
- During adjustment, if the adjustment value reaches the limit, the blinking speed becomes slower.

Remote commander





H CENTER (DIGITAL RGB) (horizontal centering)
control

When the picture of DIGITAL RGB input is distorted horizontally, correct it with this control.

2 V HOLD (vertical hold) control

When the picture rolls vertically, correct it with this control.

3 NEW DYNAMIC COLOR select switch

Normally set to ON, which makes it possible to obtain natural skin tone and "blueish white".

4 NOTCH select switch

Normally set to OFF.

To eliminate notches forming along the horizontal boundary between the colors, set this switch to ON.

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5 DEGAUSS button

Push this button for more than 5 seconds to demagnetize the screen.

(Just a touch may make the screen more magnetized.) Wait for 10 minutes or more before activating this button again.

6 CONTROL select switches

Normally set to ON.

REMOTE CONTROL switch

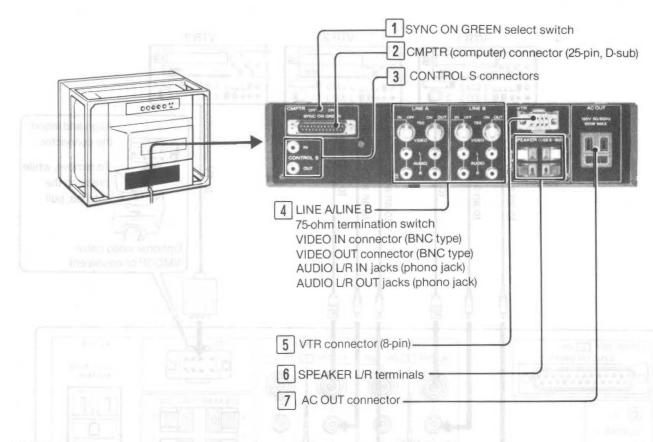
Set this switch to ON to control the monitor with a Remote Commander.

If this switch is set to OFF, the remote control is not possible.

MANUAL CONTROL switch

Set this switch to ON to control the monitor manually. To make the manual control of the control keys or switches on the front panel impossible, distinguish the indicators by pressing the CONTROL key on the front panel and set this switch to OFF. (However remote control is possible if REMOTE CONTROL switch is set to ON.)

Connectors



1 SYNC ON GREEN select switch

When an RGB input source is connected to CMPTR connector, set this switch to:

ON to synchronize with the sync signal on G-signal. **OFF** to synchronize with H./V. sync signal or composite sync signal.

2 CMPTR (computer) connector (25-pin, D-sub)

Connect to a microcomputor with digital or analog RGB outputs.

For the pin assignment, refer to SPECIFICATIONS.

3 CONTROL S IN/OUT connectors

Connect to the CONTROL S connectors of a VTR or several monitors.

It is then possible to control the system with a single Remote Commander.

4 LINE A/LINE B

VIDEO IN connector (BNC type) AUDIO L/R IN jacks (phono jack)

Connect to the video and audio outputs of a VTR or a

VIDEO OUT connector (BNC type) AUDIO L/R OUT jacks (phono jack)

Loop-through outputs of the IN connector and jacks.

Connect to the video and audio inputs of another monitor.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON.

When both connectors are used together for a loopthrough connection), set this switch to OFF.

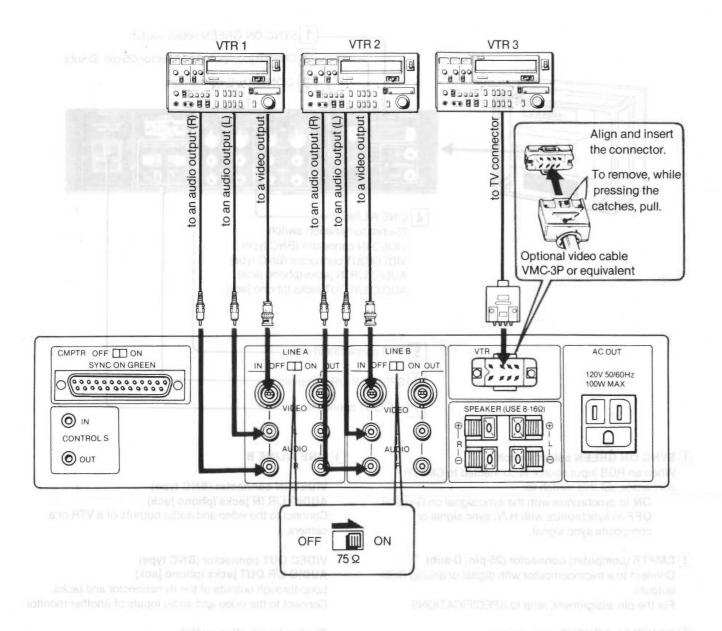
5 VTR connector (8-pin)
Connect to a VTR with an 8-pin TV connector.

C CREAVED (IJCE 9 460) I /D towningle

§ SPEAKER (USE 8 – 16Ω) L/R terminals Connect to speakers with 8 to 16 ohms impedance.

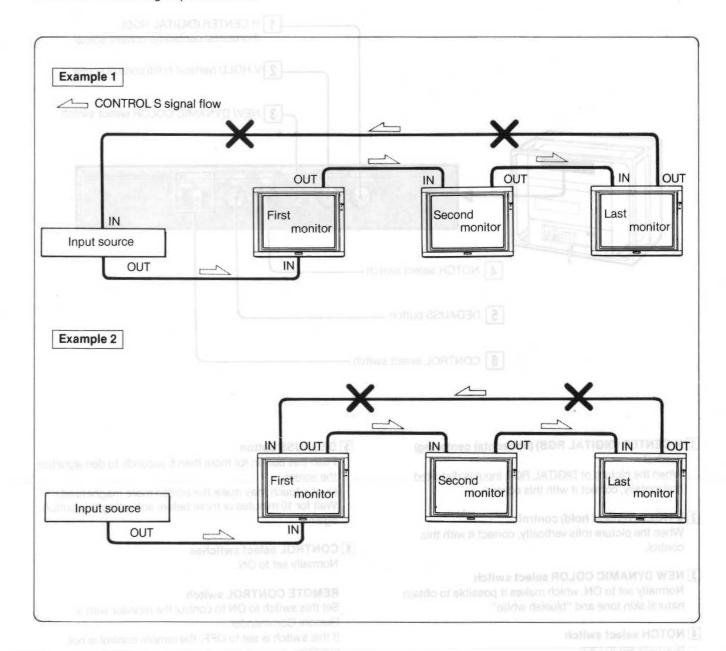
7 AC OUT (120 V, 50/60 Hz, 100 W MAX) connector
This outlet provides AC power of 100 W max. Only for a
connected microcomputer.

1-2. SYSTEM CONNECTIONS CONNECTING A VTR

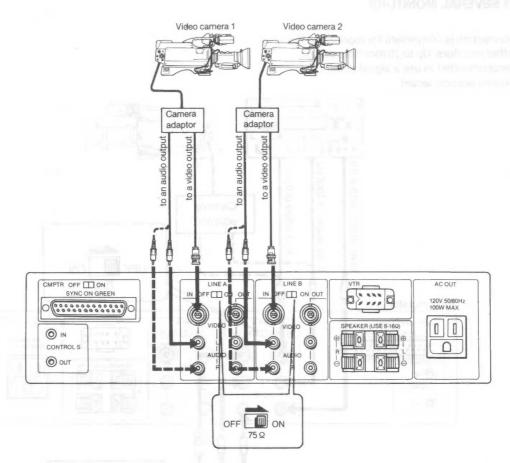


Note

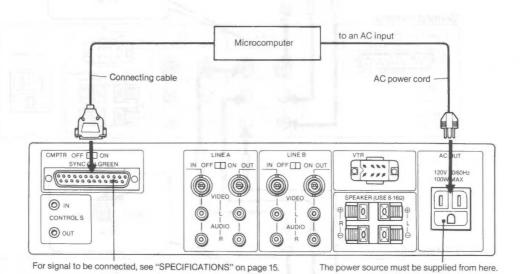
Do not use the following loop connections.



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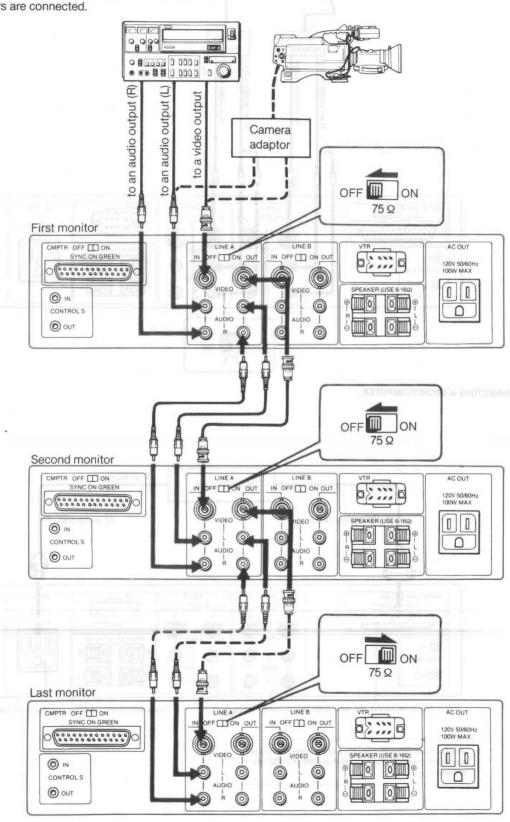
CONNECTING A MICROCOMPUTER



When a microcomputer has only a composite video output connector, connect it to the LINE A or LINE B VIDEO IN connector.

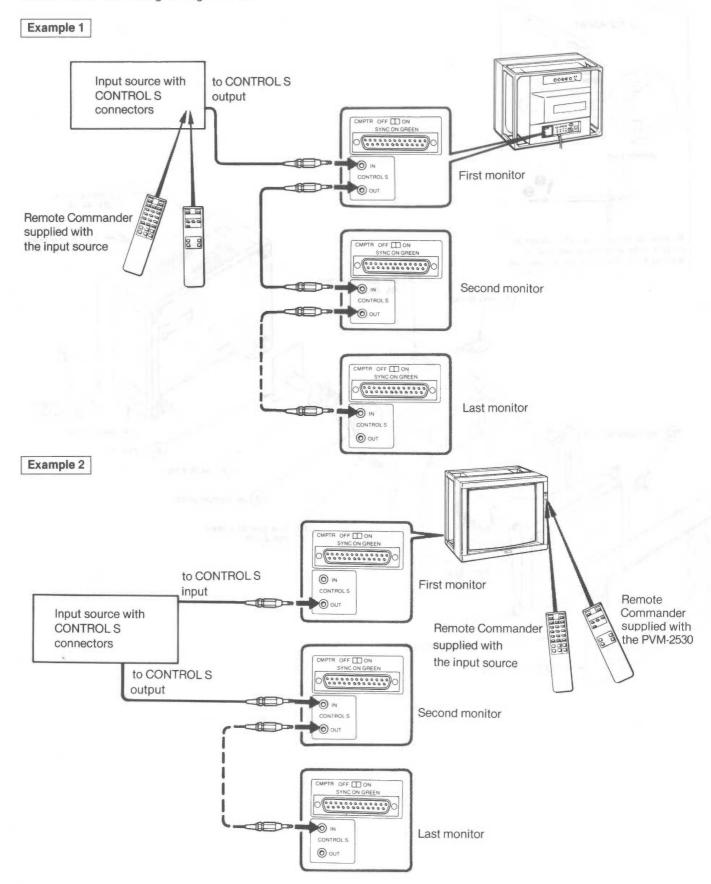
CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on other monitors. Up to 10 monitors can be connected. It is recommended to use a signal distributer when several monitors are connected.



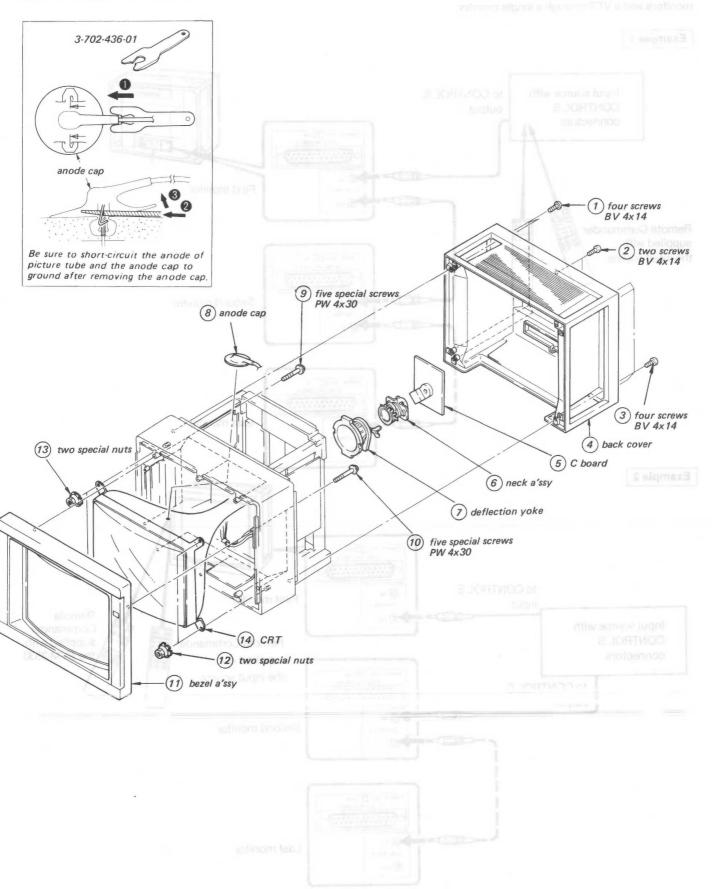
CONTROL S connection

The following connections allow remote control of several monitors and a VTR through a single monitor.



SECTION 2 DISASSEMBLY

2-1. PICTURE TUBE REMOVAL



SECTION 3 SETUP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed. These adjustments should be performed with rated power supply voltage unless otherwise noted.

Perform the adjustments in order as follows:

- 1. Beam Landing
- 2. Convergence
- 3. SCREEN and White Balance

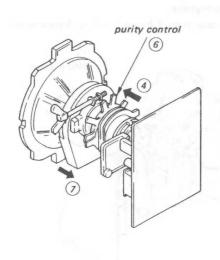
Note: Test Equipment Required.

- 1. Color-bar/Pattern Genertator
 - 2. Degausser

3-1. BEAM LANDING

Preparation:

- · Feed in the white pattern.
- Before starting, degauss the entire screen.
- 1. Loosen deflection yoke screw.
- 2. Position neck ass'y as shown in Fig. 3-1.
- 3. Adjust purity control as shown in Fig. 3-2.
- Slide deflection yoke as far forward as it will go.
- 5. Turn the raster signal of the pattern generator to red.
- 6. Adjust purity control to center vertical red band as shown in Fig. 3-3.
- 7. Slide deflection yoke back for a uniform red screen.
- 8. Check green and blue rasters for uniformity by performing the same way as steps 5,6 and 7.
- 9. Tighten the deflection yoke screw.
- 10. Check if mislanding appears at corners a d as shown in Fig. 3-4. If mislanding is observed, correct it as shown in Fig. 3-4.
- 11. Confirm that beam landing is correct when the receiver is faced in all directions.



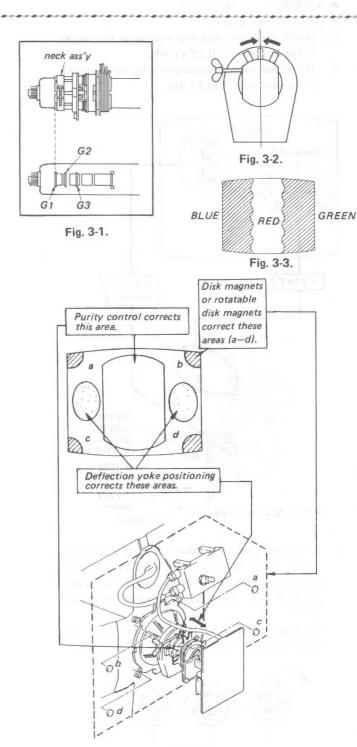


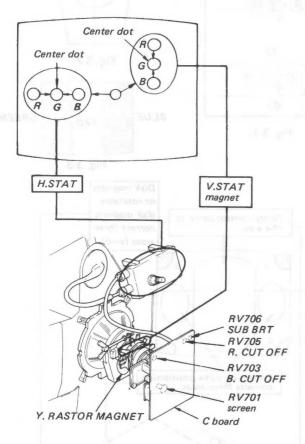
Fig. 3-4.

CONVERGENCE

Preparation:

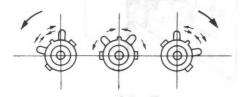
- PICTURE
- fully counterclockwise BRIGHTNESS
- CORNER BOW (RV2504)
- H.TILT
- (RV2502)
- Y.BOW (RV2503)
- H.AMP
- D₂ board mechanical center

- (RV2501)
- (RV2505)
- Y.CROSS
- Input a dots signal.
- Match the horizontal convergence at the center of the screen with H.STAT VR.
- Match the vertical convergence at the center of the screen with V.STAT Mg.

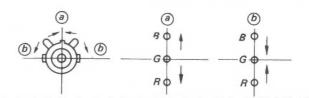


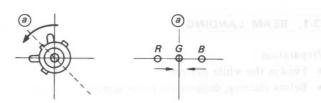
3. If the red, green and blue dots do not coincide on the center of screen with H.STAT VR, perform horizontal convergence adjustment using H.STAT VR and V.STAT magnet as shown

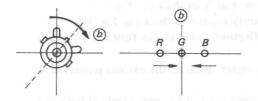
(In this case, H.STAT VR and V.STAT magnet effect each other.)

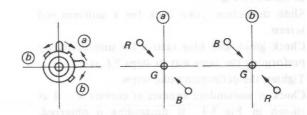


4. When the V.STAT magnet is moved in the direction of arrow a and b, Red, Green and Blue dots move as shown below.





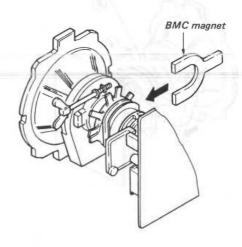




If blue dot does not coincide with red and green dot, perform following steps.

Move BMC magnet (a) to correct insufficient H. static convergence.

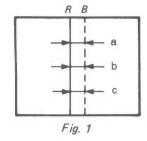
In either case, repeat Beam Landing Adjustment.



DYNAMIC CONVERGENCE Adjustment

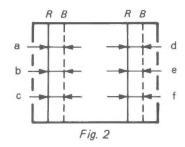
Preparation:

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
 - 1. Loosen deflection yoke screw.
 - 2. Remove deflection yoke spacers.
 - 3. Move the deflection yoke for best convergence.
- 4. Tighten the deflection yoke screw.
- 5. Install the deflection yoke spacers.
- Adjust the Y.CROSS (RV2505) and Y. BOW (RV2503), so that RED and BLUE shown in Fig.-1 will become a=b=c.

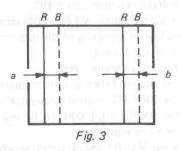


- Match the horizontal convergence at the center of the screen with H STAT VR.
- Adjust the CORNER BOW (RV2504), so that RED and BLUE shown in Fig.-2 will become a= b=c and d=e=f.

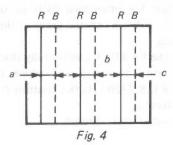
Note: At this point, if the relationship between a=c or d=f is not established, adjust the Y • CROSS (RV2505) again.



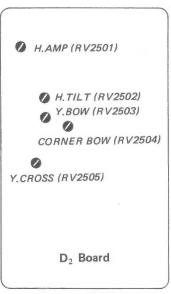
- Match the horizontal convergence at the center of the screen with the H STAT VR.
- Adjust the H TILT (RV2502)so that the RED and BLUE shown in Fig.-3 will become a=b.



11. Adjust the H AMP (RV2501) so that the RED and BLUE shown in Fig.-4 will become a=2b.



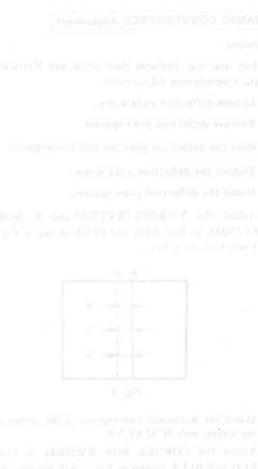
- 12. Match the horizontal convergence at the center of the screen with the H STAT VR.
- 13. When the H AMP is adjusted repeat the procedures described in Steps 5 to 7.
- 14. If divergence of the convergence exists at the corner of the screen, the adjustments described in Steps after 3 should be repeated.

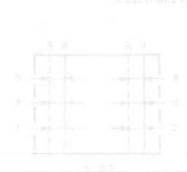


PRINTED BOARD (Conductor Side)

WHITE BALANCE ADJUSTMENT

- 1) SCREEN (G₂) adjust ment
- 1. Confirm that G_1 line voltage is 30 ± 5 Vdc.
- Adjust CUT OFF VR (R,B) so that R,B cathode voltage becomes 180 V DC.
 Adjust with G₂ VT (RV701) immediately prior to the disappearing of the luminscent line.
- 2) W/B adjustment
- 1. Input a all white signal.
- 2. Set the PICTURE control to minimum and turn the BRIGHT control mechanical center.
- Set RV705 CUT OFF (R,B) and RV703 (CUT OFF) to minimum.
- Turn RV701 (SUB BRT) slowly to obtain a faintly visible cross-hatch.
 Note the color that first becomes visible by turning RV701.
- Adjust the other two BKG controls for best white balance (neutral gray) of the faint corsshatch.
- Set the PICTURE control fully clockwise.
 Observe the screen and adjust the RV3301 (B,IK), RV3302 (G,IK) controls for best white balance.
- 7. Repeat steps 1, through 7.





H.FREQ Adjustment

(1) and (11).

1. Input a color bar signal and short between IC1501 pins

Also short B board IC401 pins (35) and (36). 2. Adjust H.FREQ VR (RV1501) so that picture flow is as

SECTION 4 SAFETY RELATED ADJUSTMENT

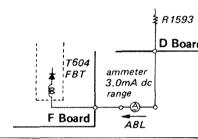
HOLD DOWN ADJUSTMENT (R597)

Be sure to perform the following adjustment after replacing the parts below. (Marked on a the schematic diagram).

Q523, R593, R594, R595, R596, R597, R598, R599 R1350 R1518, R1519, R1520, R1521, R1522, R1523, R1525, R1590, R1592, R1593, R1594, R1595, R1597,

- 1. Turn the POWER switch ON, and receive entirely white 7. If above steps is not satisfied, select resistance value of signals and set the PICTURE and BRIGHTNESS control to maximam.
- 2. Confirm that the voltage of the TP85 is more than 8.7V DC when the set is operating normally with 120V AC supply.
- 3. Adjust ABL current to 1600 ± 30 µA with PICTURE and BRIGHTNESS.
- 4. Confirm that there is less than 10,50V DC where by the raster disappears during operation of hold-down circuit. (HOLD DOWN check point of TP85)
- 5. Adjust ABL current to 290 ± 5 μA with PICTURE and BRIGHTNESS.

- C1509, IC1501, IC1503, D520, D521, D522, D1540, Q522, 6. Confirm that there is less than 11,00V DC where by the raster disappears during operation of hold-down circuit. (HOLD DOWN check point of TP85)
 - Note: If the hold-down circuit starts operating in the above case, switch OFF the POWER of the set immediately.
 - R597 and repeat above steps 1 through 6.

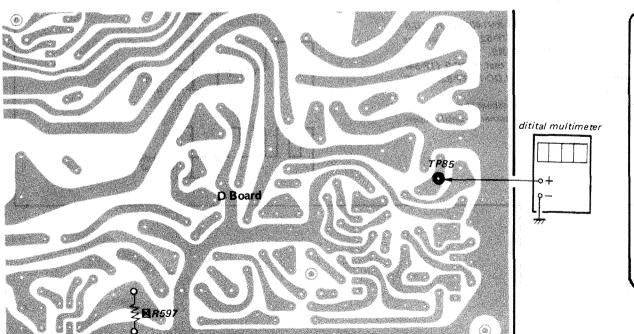


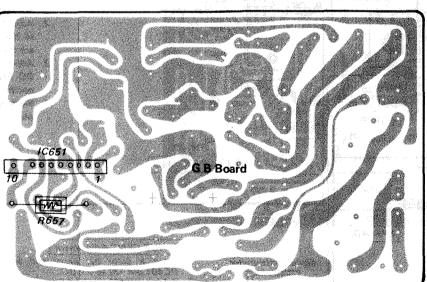
CHECKING AFTER H.V.R REPLACEMENT

- After replacing H.V.R * confirm that there is more than 8.70V DC on TP85. (HOLD DOWN check point)
- *This check is to be performed when H.V.R only is replaced, and has no relation to the H.V hold-down circuit readjustment for replacement of parts marked

CHECK AFTER IC651 and R657 REPLACEMENT

- 1. Supply $130^{+3}_{-0}V$ AC to with variable auto-transformer.
- Input a entirely white signal.
 Turn the CONTROL switch OFF. Set the PICTURE and BRIGHTNESS control to maxi-
- 4. Confirm the voltage on digital multimeter is less than 141.5V DC (+B LINE).
- 5. If step 4 is not satisfied, replace IC651 and R657 repeat





SECTION 5 CIRCUIT ADJUSTMENTS

5-1. D BOARD ADJUSTMENTS

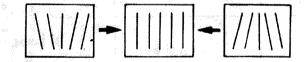
Horizontal Position Adjustment

1. Check that H center moves to the right and left with horizontal position VR (RV1503), then adjust horizontal position to center.

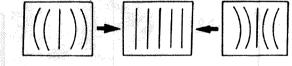
Picture Distortion Adjustment

1. Picture distortion adjustment Input a signal equivalent to a crosshatch signal.

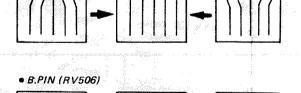
• PIN PHASE (RV508)



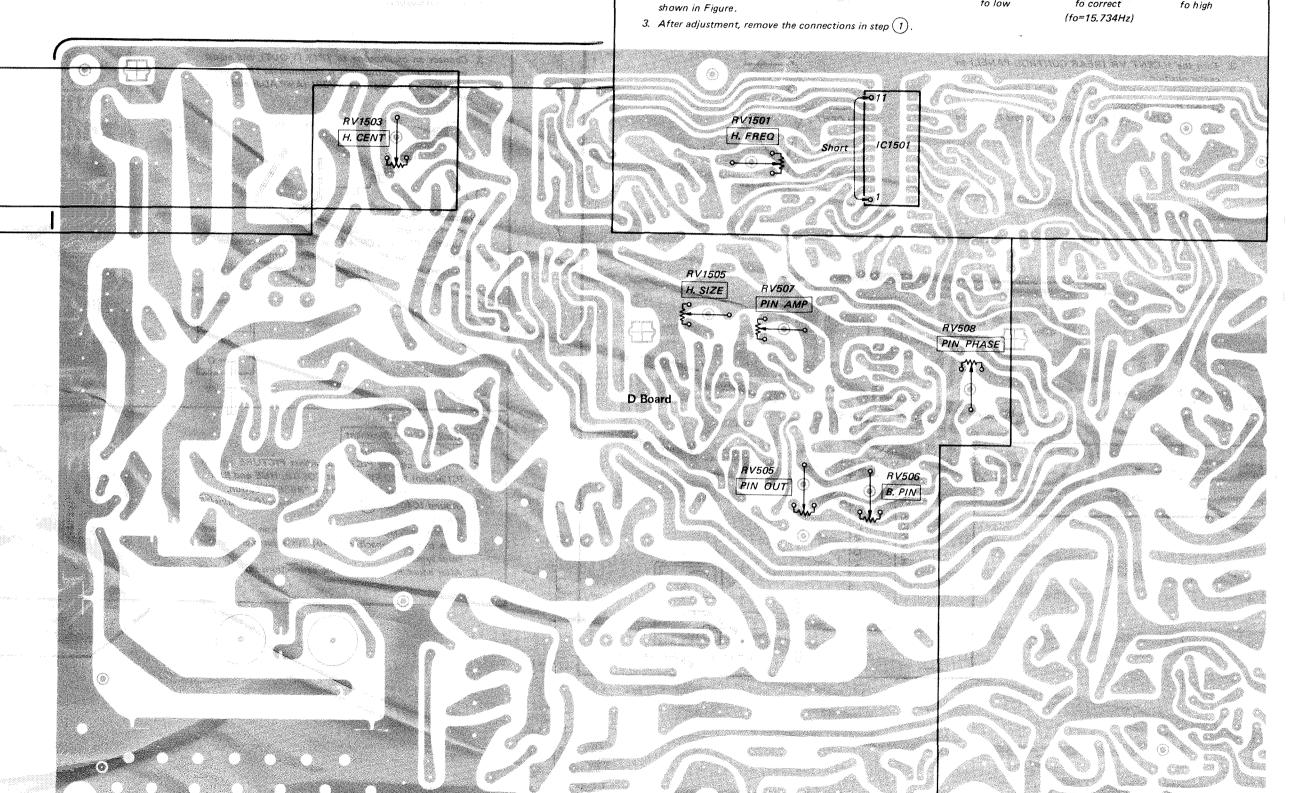
• PIN AMP (RV507)



• PIN OUT (RV505)



- 2. Adjust RV1505 (H.SIZE) so that H.SIZE is bes
- 3. Adjust RV1503 (H.CENT) so that horizontal psition is

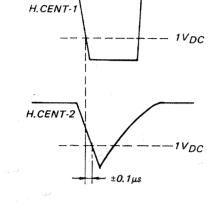


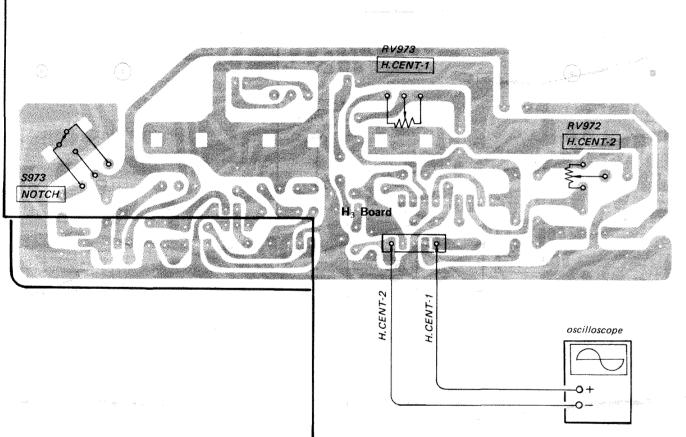
PVM-2530

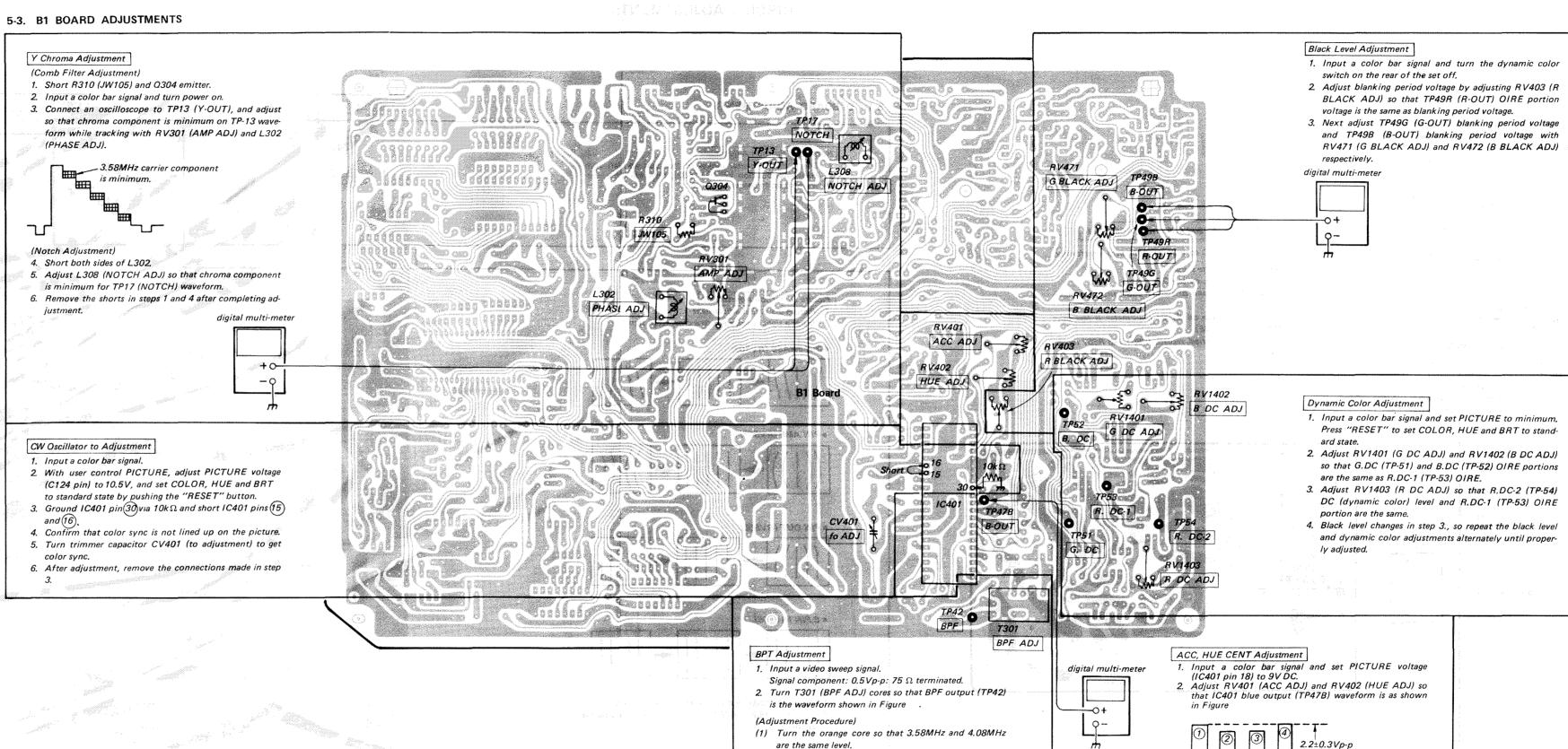
5-2. H3 BOARD ADJUSTMENTS

H. center Adjustment (DIGITAL R,G,B) 1. Connect to the digital R,G,B output connector of a microcomputer.

- 2. Press to select the R,G,B mode.
- 3. Turn the H.CENT VR (REAR CONTROL PANEL) to center position.
- 4. Connect the oscilloscope to 4 pin H-3 connector and 1) pin H-3 connector.
- 5. Adjust RV972 (H.CENT-2) so that the phase difference level is ±0.1 μs.







(2) Turn the green core so that 3.08MHz is $-0.5 \sim -1.0$

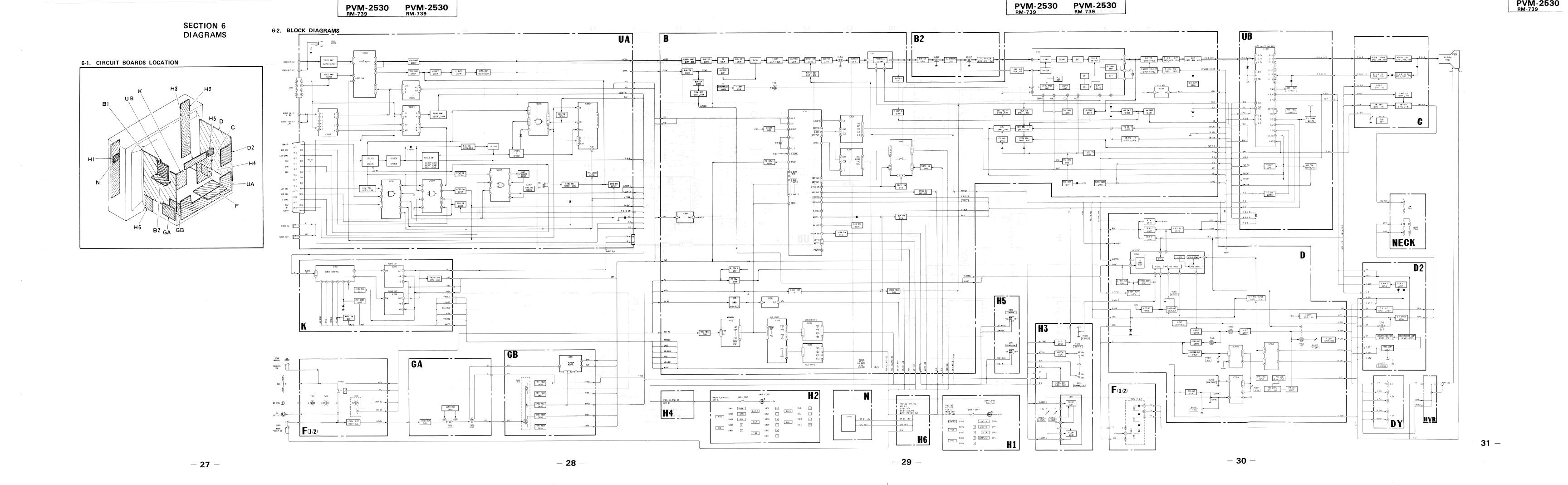
(3) Repeat steps (1) and (2) several times to adjust to the

dB from 3.58MHz.

waveform in Figure

GOUT -

blanking period



PVM-2530 PVM-2530

Note: The components identified by shading and mark A are critical for safety. Replace only with part number specified.

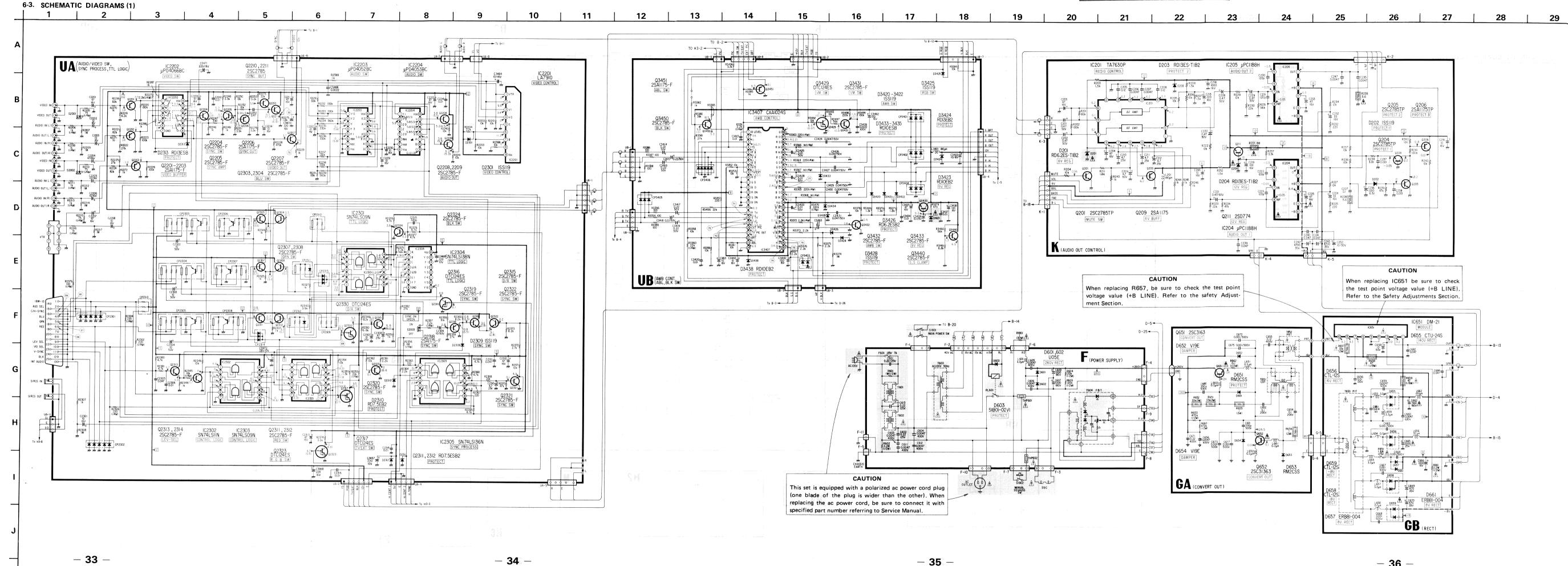
Note: Les composants identifiés par une trame et par une marque A sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

- All capacitors are in μF unless otherwise noted, p: μμF 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. k: 1000Ω. M: 100kΩ.
- nonflammable resitor.
- All variable and adjustable resistors have characteristicc curve B, unless otherwise noted.
- tusible resistor.
- \(\triangle \): internal component.
- _____: panel designation.
- The components indentified by \blacksquare in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by mark the necessary adjustments indicated. If results do not meet the specified value, change the component identified by repeat the adjustment until the specified value is achieved. (Refer to R597 adjustment on page 19, 20)

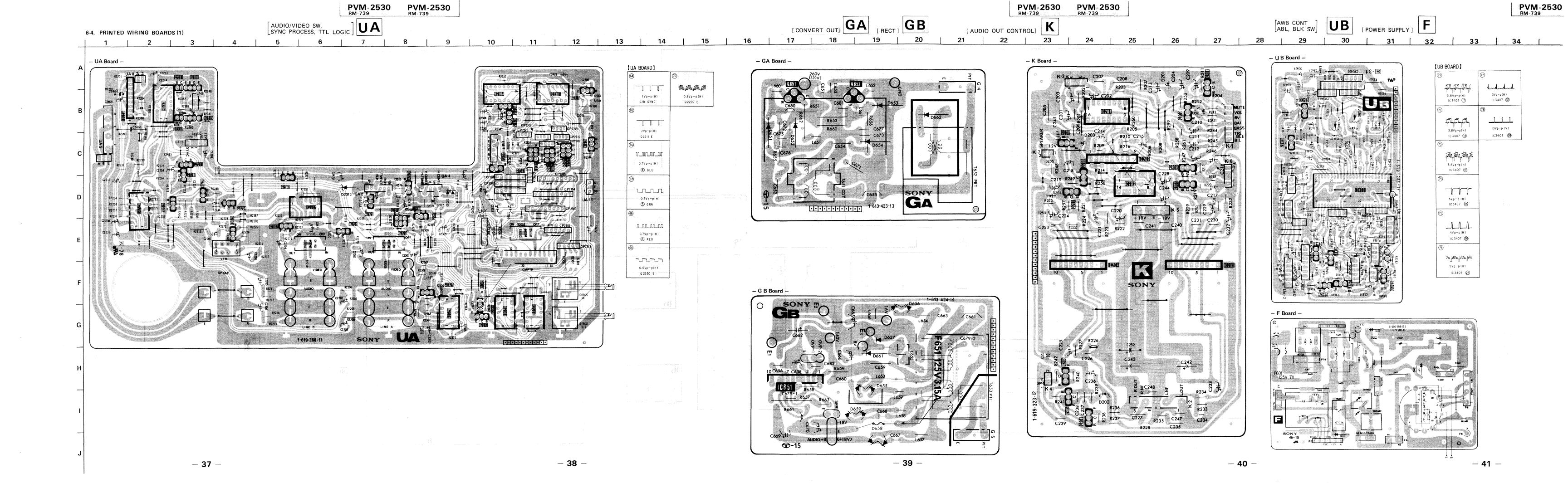
When replacing the part in below table, be sure to perform the related adjustment.

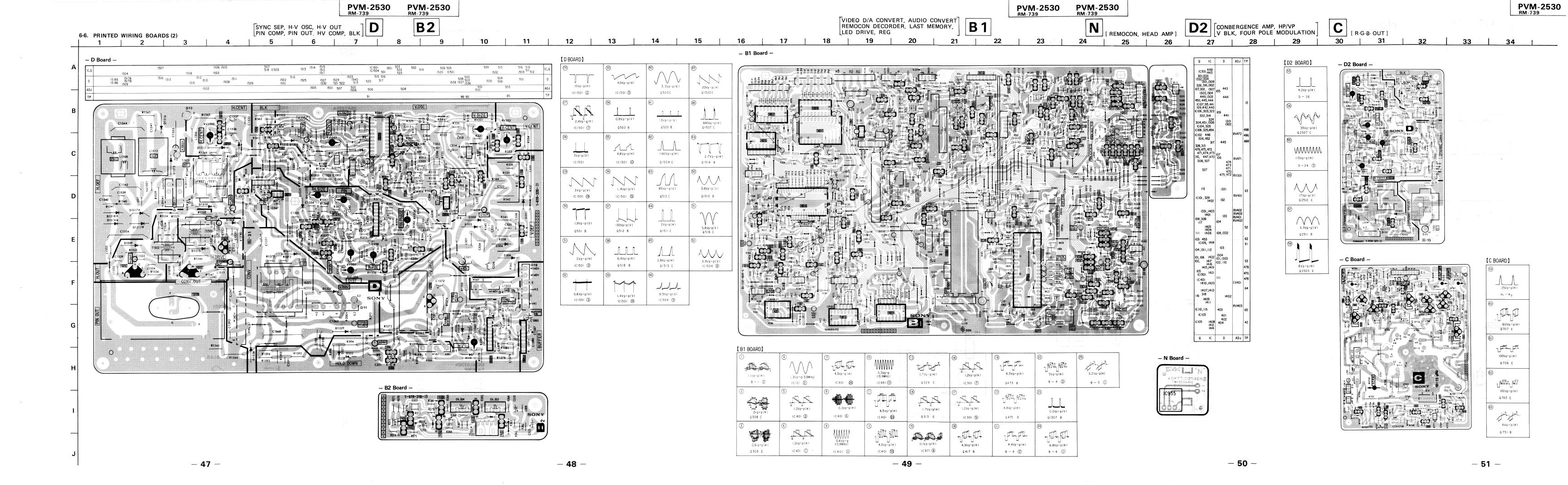
Part replaced (🗷)	Adjustment (🖼)
C1509, IC1501, IC1503, D520, D521, D522, D1540, Q522, Q523, R593, R594, R595, R596, R597, R598, R599, R1350, R1518, R1519, R1520, R1521, R1522, R1523, R1525, R1590, R1592, R1593, R1594, R1595, R1597, R1598,	R597

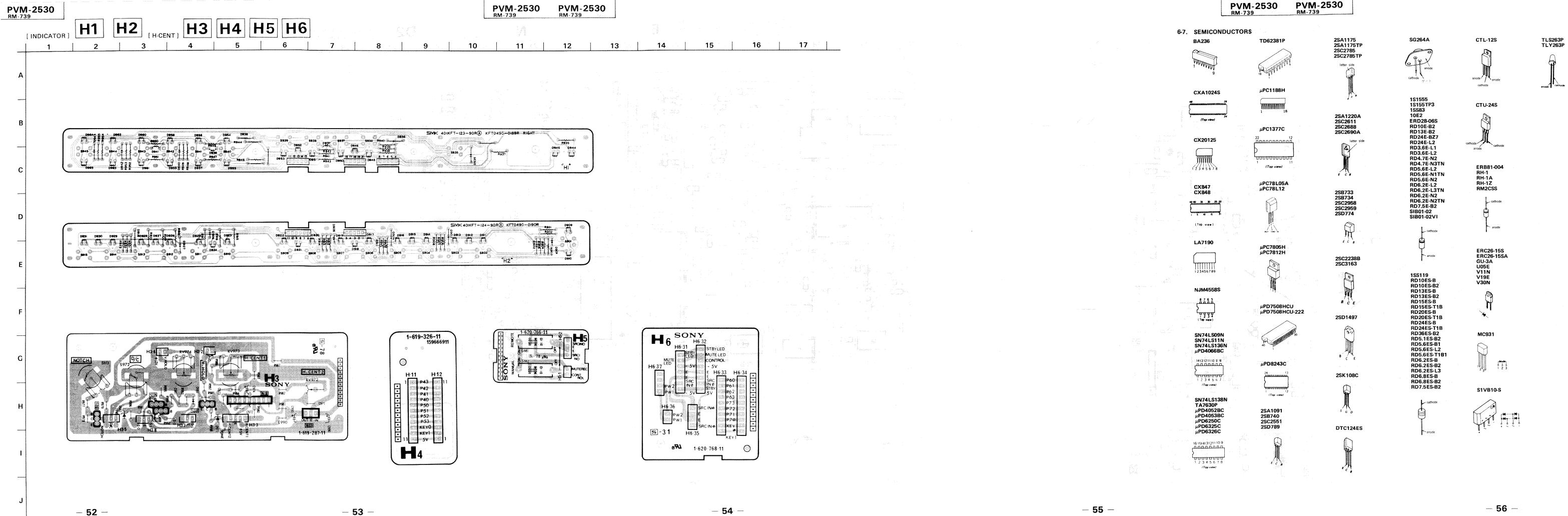
- Voltages are dc with respect to ground unless otherwise
- ullet Readings are taken with a 10M Ω digital multimeter. Voltage variations my be noted due to normal production tolerances.
- adjustment to repair.
- Readings are taken with a color-bar-signal input.
- no mark: with NTSC(3.58MHz) color-bar signal received.
- (): with DIGITAL color-bar signal received. Circled numbers refer to waveforms.



PVM-2530 PVM-2530 RM-739 RM-739







SECTION 7 EXPLODED VIEWS

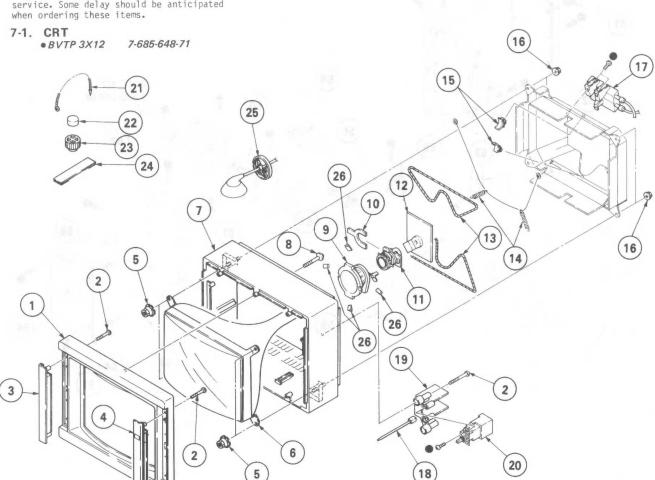
NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service
- are seldom required for routine service.

 The construction parts of an assembled part are indicated with a collation number in the remark column.
- *Items marked " * are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



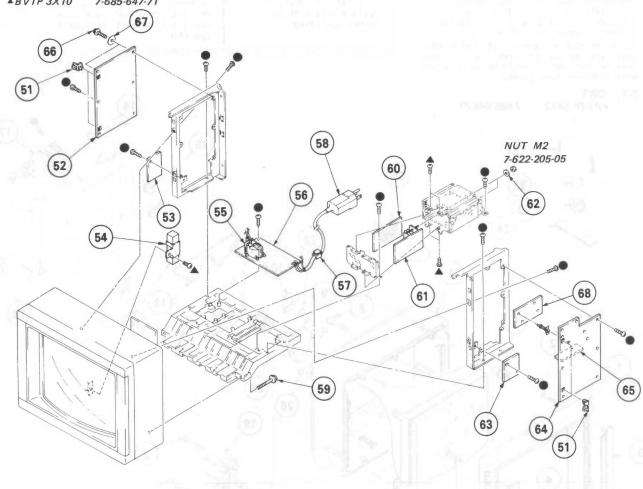
No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	X-4374-160-2	BEZEL ASSY (FOR DARK GRAY)	2	1 13	A.1-426-296-11	COIL, DEMAGNETIZATION	
	X - 4374 - 160 - 3	BEZEL ASSY (FOR LIGHT GRAY)	2	14	4-303-774-XX	SPRING	
2	3-703-083-00	+ BV 3X25		1 15	*4-371-629-01	STOPPER, WIRE	
3	1-464-747-11	KEY BOARD UNIT (A)		1 16	4-306-034-00	FLANGE NUT, (B) 5MM	
4	1-464-748-11	KEY BOARD UNIT (B)		1 17	A.1-230-712-21	RESISTOR ASSY, HIGH-VOLTAGE	
5	4-376-980-01	NUT, SPECIAL, CRT		18	*4-371-182-01	SHAFT	
6	A.8-736-652-05	CRT (A64JKJ10X)		1 19	*4-371-183-01	COVER, MAIN SWITCH	
7	X-4374-161-2	CABINET ASSY (FOR DARK GRAY)	8	20	A.1-554-966-12	SWITCH, PUSH (AC POWER)(1 KEY)	
	X-4374-161-3	CABINET ASSY (FOR LIGHT GRAY)	8	21		CLIP, LEAD WIRE	
8	4-319-520-00	SCREW, SPECIAL (+PW4X30)		22		MAGNET, DISK; 10MM ø	
9	A.1-451-255-22	DEFLECTION YOKE		1 23	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
10	1-452-146-21	MAGNET, BMC		24	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
11	A.1-452-351-22	NECK ASSY, CRT (NA302)		1 25		HOLDER, HV CABLE	
12	*A-1330-784-A	C BOARD, COMPLETE		26	3-703-003-00	SPACER, DY	

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SECTION 7 EXPLODED VIEWS

7-2. CHASSIS

● BVTP 3X12 7-685-648-71 ▲ BVTP 3X10 7-685-647-71



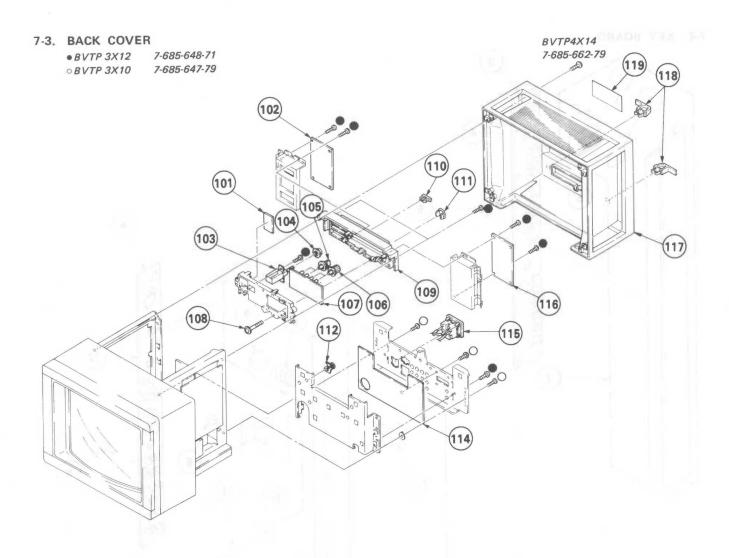
No.	Part No.	Description	Remark	No.	Part No.	Description		Ren	mark
51	*4-313-732-00	CLIP, HINGE, CIRCUIT BOARD	ľ	61	*1-613-423-11	GA BOARD			
52	*A-1345-688-A	D BOARD, COMPLETE	ĺ	62	3-845-490-00	WASHER			
53	*1-620-767-11	H4 BOARD	ĺ	63	*1-620-768-11	H6 BOARD			
54	A.1-205-904-11	RES. CEMENT WIREWOUND 1 5%	30W	64		B BOARD, COMPLETE			
		TRANSFORMER ASSY, FLYBACK		65	*1-619-318-11				
56	*1-619-285-11	F BOARD	1.4. 71	66	4-302-428-00	HEAD, WASHER, TAPPING	SCREW		
57	A.*4-371-185-01	BUSHING, AC CORD		67		WASHER (DIA.14)			
58	A.1-557-970-11	CORD, POWER		68	*A-1373-058-A	UB BOARD, COMPLETE			
59	4-319-520-00	SCREW, SPECIAL (+PW4X30)				The little standards			
60	*1-613-424-11	GB BOARD	1.0 1.1						

The components identified by shading and mark A are critical for safety.

Replace only with part number specified.

Les composants identifiés par une trame et une marque ∕sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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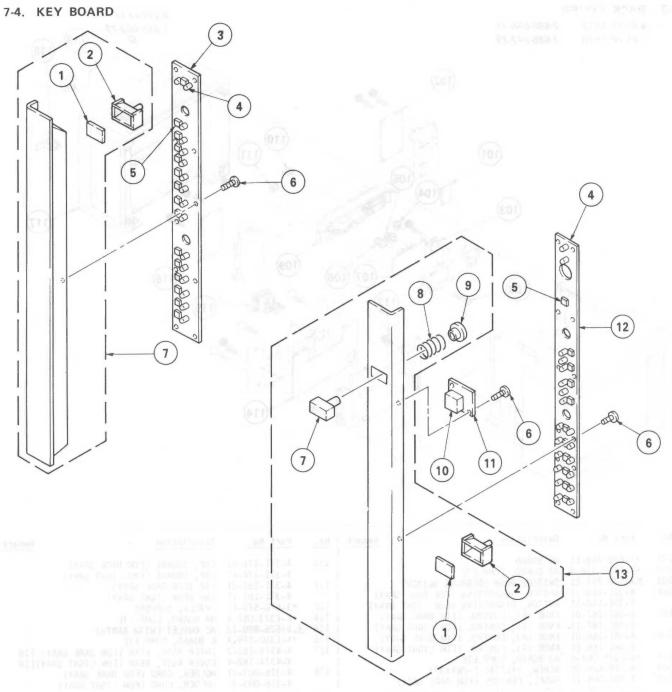
No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101	*1-620-766-11	H5 BOARD		110	4-371-176-01	CAP, SQUARE (FOR DARK GRAY)	
102	*A-1340-936-A	D2 BOARD, COMPLETE			4-371-176-11	CAP, SQUARE (FOR LIGHT GRAY)	
103	A.1-570-757-11	SWITCH, PUSH (DEGAUSS SWITCH)		111		CAP (FOR DARK GRAY)	
104		BUTTON, DEGAUSSING (FOR DARK GRA		i		CAP (FOR LIGHT GRAY)	
	4-381-168-11			112		SPACER, SUPPORT	
105	4-381-167-01	KNOB (B), CONTROL (FOR DARK GRAY		114		UA BOARD, COMPLETE	
		KNOB (B), CONTROL (FOR LIGHT GRA				AC OUTLET (WITH EARTH)	
106	4-381-166-01			116		K BOARD, COMPLETE	
	4-381-166-11	KNOB (A), CONTROL (FOR LIGHT GRA	Y)	117		COVER ASSY, REAR (FOR DARK GRAY) 118
107		H3 BOARD, COMPLETE				COVER ASSY, REAR (FOR LIGHT GRA	
108		SCREW, SPECIAL (+PW4X30)		1118			,,
109		PANEL, CONTROL (FOR DARK GRAY)		1		HO'DER, CORD (FOR LIGHT GRAY)	
	4-382-005-21			1119			
				İ			

The components identified by shading and mark A are critical for safety.

Replace only with part number specified.

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.





1 0		Description		Remark	No.	Part No.	Description	Remark
1 9-	990-892-01	ILLUMINATOR A			1	9-990-892-01	I'_'UMINATOR A	
2 9-	990-891-01	REFLECTOR A			2	9-990-891-01	REFLECTOR A	
3 *9-	990-890-01	H2 BOARD			4	9-990-895-01	SPACER	
4 9-	990-895-01	SPACER			5	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)	
5 1-	553-766-00	MT SWITCH (KEY	BOARD SWITCH)		1 6	9-990-894-01	TAPPING SCREW	
6 9-	990-894-01	TAPPING SCREW	in a street of the street of		7	9-990-899-01	KEY TOP	
7 9-	991-652-01	FRAME A ASSY		1.2	8	9-990-902-01	COIL SPRING	
				,	j 9	9-990-900-01	STOPPER	
					10	8-741-138-70	DETECTOR	
					111	*9-990-898-01	N BOARD	
					1 12	*9-990-897-01	H1 BOARD	
					13	9-991-653-01	FRAME B ASSY	1,2,7,8,9

SECTION 8 ELECTRICAL PARTS LIST

B

NOTE:

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

• All resistors are in ohms • F : nonflammable

COILS • MMH : ۱11H, UH : ١١٢

CAPACITORS • MF : سF, PF : سالة

When indicating parts by reference number, please include the board name.

 The components identified by in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Ref.No	. Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
	*A-1135-428-A	B BOARD, COM *************				C126 C127 C128 C129 C130	1-123-380-00 1-123-380-00 1-123-380-00 1-101-006-00 1-101-006-00	E'LECT E'LECT CERAMIC	1MF 1MF 1MF 0.047MF	20% 20% 20%	50V 50V 50V 50V 50V
B1 B2 B3 B4 B5	*1-566-057-11 *1-566-057-11 *1-566-055-11 *1-566-056-11 *1-566-054-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT	OR 5P OR 3P OR 4P OR 2P			C131 C132 C133 C134 C135	1-123-380-00 1-123-380-00 1-123-380-00 1-123-380-00 1-123-351-00	ELECT ELECT ELECT ELECT ELECT	1MF 1MF 1MF 1MF 0.47MF	20% 20% 20% 20% 20%	50V 50V 50V 50V 50V
86 87 88 89 810	*1-566-055-11 *1-566-056-11 *1-566-054-11 *1-508-766-00 *1-566-055-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT 4P PLUG (M) PIN, CONNECT	OR 4P OR 2P OR 3P			C136 C137 C138 C139 C140	1-101-006-00 1-124-443-00 1-124-443-00 1-123-356-00 1-124-443-00	CERAMIC ELECT ELECT ELECT ELECT	0.047MF 100MF 100MF 10MF 100MF	20% 20% 20% 20%	50V 10V 10V 16V 10V
B11 B12 B13 B14 B15	*1-566-054-11 *1-566-059-11 *1-566-054-11 *1-566-063-11 *1-508-765-00	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT 3P P_UG (M)	OR 7P OR 2P			C141 C142 C143 C144 C145	1-123-356-00 1-102-074-00 1-108-618-91 1-108-618-91 1-119-354-00	CERAMIC MYLAR	10MF 0.001MF 0.0022MF 0.0022MF 330MF	20% 10% 10% 10%	16V 50V 100V 100V 10V
B16 B17 B18 B19 B20	*1-566-059-11 *1-566-063-11 *1-566-058-11 *1-566-062-11 *1-566-054-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT	OR 11P OR 6P OR 10P			C146 C147 C148 C149 C150	1-124-892-11 1-119-354-00 1-124-443-00 1-101-006-00 1-101-006-00	E'LECT E'LECT E'LECT CERAMIC CERAMIC	47MF 330MF 100MF 0.047MF	20%	10V 10V 10V 50V 50V
B21 B23	*1-566-054-11 *1-508-784-00	PIN, CONNECT 1P P_UG	OR 2P			C150 C151 C152		ELECT ELECT	100MF 100MF	20%	10V 10V
	CAP	AC I TOR				C153	1-101-006-00	CERAMIC	0.047MF	20%	50V
C101 C102	1-124-892-11 1-101-006-00	E'_ECT CERAMIC	47MF 0.047MF	20%	10V 50V	C154	1-101-006-00 1-102-074-00	CERAMIC CERAMIC	0.047MF 0.001MF	10%	50V 50V
C103 C104 C105	1-101-006-00 1-124-471-00 1-108-845-00	CERAMIC E'_ECT MY'_AR	0.047MF 1000MF 0.047MF	20% 10%	50V 6.3V 50V	C156 C157 C158 C159	1-101-006-00 1-101-006-00 1-101-006-00 1-101-006-00	CERAMIC	0.047MF 0.047MF 0.047MF 0.047MF		5 0 V 5 0 V 5 0 V 5 0 V
C106 C107 C108	1-102-963-00 1-102-963-00 1-102-978-00	CERAMIC CERAMIC CERAMIC	33PF 33PF 220PF	5% 5% 5%	50V 50V 50V	C160	1-102-129-00 1-102-129-00	CERAMIC	0.01MF	10%	50V
C109 C110	1-102-038-00 1-102-038-00	CERAMIC CERAMIC	0.001MF 0.001MF	576	500V 500V	C162 C163 C165	1-108-837-00 1-123-356-00 1-124-443-00	CERAMIC MYLAR ELECT ELECT	0.01MF 0.01MF 10MF 100MF	10% 10% 20% 20%	50V 50V 16V 10V
C111 C112 C113	1-108-837-00 1-124-901-00 1-123-356-00	MYLAR ELECT ELECT	0.01MF 1000MF 10MF	10% 20% 20%	50V 35V 16V	C170 C301	1-123-356-00	ELECT	10MF	20%	16V
C 114 C 115	1-123-356-00	E'LECT MYLAR	10MF 0.01MF	20% 10%	16V 50V	C301 C302 C303 C304	1-102-961-00 1-123-356-00	E'LECT CERAMIC E'LECT	10MF 27PF 10MF	20% 5% 20%	16V 50V 16V
C116 C117 C118	1-124-444-00 1-102-038-00	E'LECT CERAMIC	220MF 0.001MF	20%	10V 500V	C305	1-102-971-00 1-102-971-00	CERAMIC CERAMIC	82PF 82PF	5% 5%	50V 50V
C118 C119 C120	1-123-360-00 1-123-356-00 1-123-356-00	ELECT ELECT ELECT	100MF 10MF 10MF	20% 20% 20%	50V 50V 50V	C306 C307 C308	1-123-380-00 1-123-380-00 1-102-978-00	E'_ECT E'_ECT CERAMIC	1MF 1MF 220PF	20% 20% 5%	50V 50V 50V
C 121 C 122	1-123-318-00 1-123-356-00	E'_ECT E'_ECT	33MF 10MF	20% 20%	16V 16V	C311 C312	1-123-330-00 1-102-971-00	E'LECT CERAMIC	22MF 82PF	20% 5%	16V 50V
C123 C124 C125	1-101-006-00 1-123-380-00 1-123-380-00	CERAMIC ELECT ELECT	0.047MF 1MF 1MF	20% 20%	50V 50V 50V	C316 C317 C318	1-102-858-00 1-102-858-00 1-123-380-00	CERAMIC CERAMIC E'LECT	10PF 10PF 1MF	0.5PF 0.5PF 20%	50V 50V 50V



Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Rema	ark
C 320 C 321	1-123-356-00 1-102-888-00	E'_ECT CERAMIC	10MF 150PF	20% 5%	16V 50V	C1341	1-123-380-00 1-123-380-00	E'LECT E'LECT	1MF 1MF	20%	50V 50V	
C324	1-101-006-00	CERAMIC	0.047MF		50V	I C1342	1-108-630-91	MY'_AR	0.022MF	10%	100V	
C325	1-102-973-00	CERAMIC	100PF	5%	50V	C1343	1-136-165-00	FILM	0.1MF	5%	50V	
C326	1-123-380-00	ELECT	1MF	20%	50V	C1344	1-102-973-00	CERAMIC	100PF	5%	50V	
C 327	1-102-820-00	CERAMIC	330PF	5%	50V	C1401	1-102-074-00	CERAMIC	0.001MF	10%	50V	
C329	1-102-971-00	CERAMIC	82PF	5%	50V	C1402	1-123-332-00	E'_ECT	47MF	20%	160	
C330	1-102-973-00	CERAMIC	100PF	5%	50V	C1403	1-102-129-00	CERAMIC	0.01MF	10%	50V	
C 331	1-123-356-00	ELECT	10MF	20%	16V		1-123-318-00	E'_ECT	33MF	20%	160	
C 332	1-101-006-00	CERAMIC	0.047MF		50 V				71 17%		1 11	
C333	1-123-356-00	ELECT	10MF	20%	16V	CONCRETE	TRI	MMER				
C 335	1-102-887-00	CERAMIC	47PF	5%	50V	CV401	1-141-147-XX	CAD TRIMMED				
C401	1-123-330-00	ELECT	22MF	20%	16V	1 64401	1-141-14/-	CAP, IRIPINER				
C402	1-124-555-00	ELECT	1000MF	20%	16V	1	DIO	IDE				
C403	1-102-125-00	CERAMIC	0.0047MF	10%	50V	1 10 10 10	<u>D10</u>	EL MIL				
		=17			M	D101	8-719-109-95	DIODE RD6.8E	S-B			
C404	1-123-447-00	ELECT	0.22MF	20%	50V	D102	8-719-109-95	DIODE RD6.8E	S-B			
C405	1-102-129-00	CERAMIC	0.01MF	10%	50V	D103	8-719-911-19	DIODE 1SS119				
C406	1-123-447-00	ELECT	0.22MF	20%	50 V	D104	8-719-101-39	DIODE RD3.6E	-1_2			
C407	1-123-356-00	ELECT	10MF	20%	16V	D105	8-719-511-20	DIODE SIVB20				
C409	1-102-865-00	CERAMIC	8PF	0.5PF	50V		4-4-5	SECTION AND LABOR.	SHIP TO			
0.410	1 100 074 00			100	2011	D106	8-719-920-02	DIODE ERB12-				
C410	1-102-074-00	CERAMIC	0.001MF	10%	50V	D107	8-719-110-83	DIODE RD36ES		tt witcht waren to the		
C411	1-123-351-00	ELECT	0.47MF	20%	50V		.8-719-921-20	DIODE 188119				Part of
C412	1-123-351-00	E'_ECT	0.47MF	20%	50V	D109	8-719-911-19	DIODE 1SS119				
C413	1-123-330-00	ELECT	22MF	20%	16V	D110	8-719-911-19	DIODE 1SS119				
C414	1-124-645-11	ELECT	10MF	20%	16V	D111	8-719-109-85	DIODE DOS 15	c po			
C416	1-123-381-00	ELECT	2.2MF	20%	50V	D118	8-719-109-91	DIODE RD5.1E DIODE RD6.2E				
C418	1-123-318-00	ELECT	33MF	20%	167	D120	8-719-110-34	DIODE RD13ES				
C419	1-123-607-00	ELECT	0.1MF	20%	50V	D126	8-719-109-91	DIODE RD6.2E				
C420	1-124-896-00	ELECT	33MF	20%	16V	D129	8-719-109-91	DIODE RD6.2E				
C421	1-123-332-00	ELECT	47MF	20%	16V	İ						
0.440	1 102 256 00	E. EOT	10445	004	1.00	D131	8-719-109-91	DIODE RD6.2E				
C440	1-123-356-00	ELECT	10MF	20%	16V	D132	8-719-109-91	DIODE RD6.2E				
C441	1-124-655-11	ELECT	0.47MF	20%	50V	D401	8-719-911-19	DIODE 1SS119				
C442 C443	1-123-332-00 1-123-381-00	ELECT	47MF	20%	16V	D402	8-719-911-19	DIODE 1SS119				
C444	1-102-129-00	ELECT CERAMIC	2.2MF 0.01MF	20% 10%	50V 50V	D403	8-719-911-19	DIODE 1SS119				
		22.00.10	- • • • • • • •	2010		D404	8-719-911-19	DIODE 1SS119	1119			
C445	1-124-478-11	ELECT	100MF	20%	25V	D441	8-719-911-19	DIODE 1SS119				
C446	1-123-351-00	ELECT	0.47MF	20%	50V	D443	8-719-911-19	DIODE 1SS119				
C447	1-102-973-00	CERAMIC	100PF	5%	50V	D444	8-719-911-19	DIODE 1SS119				
C1301	1-123-330-00	E'_ECT	22MF	20%	16V	D445	8-719-911-19	DIODE 1SS119				
C1302	1-124-896-00	ELECT	33MF	20%	16V	D470	0 710 011 10	DI ODE 100110				
C1202	1 100 000 00	CLECT	145	20~	FOU	D470	8-719-911-19	DIODE 1SS119				
	1-123-380-00	ELECT	1MF	20%	50V	D471	8-719-911-19	DIODE 1SS119				
	1-101-006-00 1-106-196-00	CERAMIC	0.047MF	100	50V	D472	8-719-911-19	DIODE 1SS119				
		MYLAR	0.01MF	10%	100V	D473	8-719-911-19 8 710 u11 10	DIODE 1SS119				
	1-102-971-00	CERAMIC	82PF 10MF	5% 20%	50V 16V	D474	8-719-911-19	DI OUE 122118				
01307	1-124-043-11	L = L V	10m	20%	104	D475	8-719-911-19	DIODE 1SS119	MIT IN			
C1308	1-101-006-00	CERAMIC	0.047MF		50V	D1301	8-719-911-19	DIODE 1SS119				
	1-102-129-00	CERAMIC	0.01MF	10%	50V	D1302	8-719-911-19	DIODE 1SS119				
	1-123-332-00	ELECT	47MF	20%	16V	D1303	8-719-911-19	DIODE 1SS119				
C1311	1-123-356-00	ELECT	10MF	20%	16V	D1304	8-719-911-19	DIODE 1SS119				
C1333	1-108-617-91	MY'_AR	0.0018MF	10%	100V	1						
	. 102	18.0.0 ma	hills, James 1	10111	Last I	D1331	8-719-911-19	DIODE 1SS119				
	1-108-618-91	MY'_AR	0.0022MF	10%	100V	D1332	8-719-109-85	DIODE RD5.1E				
C1338	1-124-478-11	ELECT	100MF	20%	25V	D1401	8-719-911-19	DIODE 188119				
C1339	1-123-321-00.	E'_ECT	220MF	20%	16V	D1402	8-719-911-19	DIODE 1SS119				

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	<u>n</u>		Remark
	DEL	AY LINE		0109	8-729-178-54	TRANSISTOR	2SC2785		
D'_ 301 D'_ 302	1-415-280-00 1-415-510-11	DELAY LINE (1H) DELAY LINE, Y		Q110 Z	8-729-101-54 8-729-117-54 8-729-178-54	TRANSISTOR	2SA1175		
	IC			Q113	8-729-373-92	TRANSISTOR	2SB739		
IC104	8-759-105-89 8-759-102-12 18-759-102-28 8-759-182-43 8-759-104-05	IC UPD7508HCU-222 IC UPD6250C IC UPD6326C IC UPD8243C(M) IC UPD6325C		Q115 Q116 Q117 Q301 Q302	8-729-900-36 8-729-117-54 8-729-178-54 8-729-178-54 8-729-178-54		2SA1175 2SC2785 2SC2785		
IC108/ IC109	8-759-207-07			Q303 Q304 Q305 Q306 Q307	8-729-178-54 8-729-117-54 8-729-117-54 8-729-178-54 8-729-178-54		2SA1175 2SA1175 2SC2785		
IC401	8-759-913-11 8-758-480-00 <u>A</u> 8-759-171-12	IC CX848		Q308 Q309 Q313 Q314 Q315	8-729-178-54 8-729-178-54 8-729-178-54 8-729-178-54 8-729-900-36	TRANSISTOR TRANSISTOR	2SC2785 2SC2785 2SC2785		
	CON	NECTOR		1					
J201		CONNECTOR, BOARD TO BOARD 5P		Q316 Q317 Q318	8-729-178-54 8-729-117-54 8-729-178-54		2SA1175 2SC2785		
	<u>C01</u>	_		Q322 Q323	8-729-600-12 8-729-600-12	TRANSISTOR TRANSISTOR			
101 102 103 1104 1105	1-407-708-00 1-408-424-00	MICRO INDUCTOR 180UH MICRO INDUCTOR 180UH MICRO INDUCTOR 180UH MICRO INDUCTOR 180UH MICRO INDUCTOR 180UH		Q324 Q325 Q326 Q327	8-729-178-54 8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785 2SC2785 2SC2785 2SC2785		
106 1301 1302 1303 1304	1-408-412-00 1-407-571-00 1-408-412-00	MICRO INDUCTOR 180UH MICRO INDUCTOR 18UH COIL, VARIAB'E 22UH MICRO INDUCTOR 18UH MICRO INDUCTOR 15UH		Q441 Q442	8-729-178-54 8-729-117-54 8-729-101-36 8-729-117-54 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175 2SC2785TP-H 2SA1175 2SC2785		
1.305 1.306 1.307 1.308 1.401	1-408-417-00 1-408-412-00 1-409-193-00	MICRO INDUCTOR 15UH MICRO INDUCTOR 47UH MICRO INDUCTOR 18UH COIL 3.58MHZ TRAP MICRO INDUCTOR 1.2UH MICRO INDUCTOR 1.2UH		Q443 Q444 Q445 Q446 Q447 Q448	8-729-178-54 8-729-117-54 8-729-117-54 8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175 2SA1175 2SC2785 2SC2785		
1404 11330 11331	1-408-398-00	MICRO INDUCTOR 1.2UH MICRO INDUCTOR 2.7MMH COIL, SPOOK CHOKE 3.3UH		Q449 Q450 Q451 Q452	8-729-117-54 8-729-178-54 8-729-117-54 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785 2SA1175		
	TRA	NSISTOR		Q453	8-729-117-54	TRANSISTOR			
Q101 Q102 Q103 Q104 Q105	8-729-117-54 8-729-117-54 8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785		Q454 Q470 Q471 Q471 Q472 Q473	8-729-117-54 8-729-117-54 8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175 2SC2785 2SC2785		
Q106 Q107 Q108	8-729-117-54 8-729-178-54 8-729-178-54	TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785		Q474 Q475 Q476	8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785		

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Ref.No. Part No.	Description		Remark	Ref.No.	Part No.	Description				Remark
Q1301 8-729-178-54 Q1302 8-729-117-54 Q1303 8-729-178-54 Q1304 8-729-178-54 Q1305 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785			R117 R118 R119 R120 R121	1-249-429-11 1-249-429-11 1-249-441-11 1-249-382-11 1-247-739-11	CARBON CARBON CARBON CARBON CARBON	10K 10K 100K 1.2 100	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/2W	F F
Q1306 8-729-178-54 Q1307 8-729-178-54 Q1308 8-729-178-54 Q1311 8-729-117-54 Q1331 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785			R122 R123 R124 R125 R126	1-249-389-11 1-247-845-00 1-249-469-11 1-249-433-11 1-247-726-11	CARBON CARBON CARBON CARBON CARBON	4.7 3.9K 100K 22K 33K	5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/4W	F
Q1332 8-729-117-54 Q1333 8-729-117-54 Q1334 8-729-117-54 Q1401 8-729-117-54 Q1402 8-729-117-54	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175			R128 R129 R130 R131 R132	1-249-405-11 1-249-421-11 1-247-706-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	100 2.2K 330 1K 1K	5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/6W	
Q1403 8-729-117-54 Q1404 8-729-117-54 Q1405 8-729-117-54 Q1406 8-729-117-54 Q1407 8-729-117-54	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175			R133 R134 R135 R136 R137	1-249-421-11 1-249-421-11 1-249-421-11 1-249-421-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	2.2K 2.2K 2.2K 2.2K 2.2K 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
Q1408 8-729-117-54 Q1409 8-729-117-54 Q1410 8-729-117-54 Q1411 8-729-117-54 Q1412 8-729-117-54	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175			R138 R140 R141 R142 R143	1-249-421-11 1-249-421-11 1-249-421-11 1-249-421-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	2.2K 2.2K 2.2K 2.2K 2.2K 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
Q1413 8-729-117-54 Q1414 8-729-117-54 Q1415 8-729-117-54 Q1416 8-729-117-54 Q1417 8-729-117-54	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175			R144 R145 R146 R147 R148	1-247-710-11 1-249-421-11 1-249-421-11 1-249-421-11 1-249-414-11	CARBON CARBON CARBON CARBON CARBON	560 2.2K 2.2K 2.2K 560	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	
Q1418 8-729-117-54 Q1419 8-729-178-54 Q1420 8-729-117-54 Q1421 8-729-600-12 Q1422 8-729-178-54	TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SA1175 TRANSISTOR 2SK108 TRANSISTOR 2SC2785			R149 R150 R151 R152 R153	1-247-883-00 1-249-422-11 1-247-845-00 1-249-421-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	150K 2.7K 3.9K 2.2K 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
RES	SISTOR			 R154 R155	1-249-421-11	CARBON	2.2K	5%	1/6W	
R101 1-247-787-00 R102 1-247-787-00 R103 1-249-441-11 R104 1-249-441-11	CARBON 15 CARBON 15 CARBON 100K CARBON 100K	5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W		R156 R157 R158	1-249-421-11 1-247-717-11 1-247-791-00 1-247-791-00	CARBON CARBON CARBON CARBON	2.2K 2.2K 22 22	5% 5% 5%	1/6W 1/4W 1/6W 1/6W	
R105 1-247-805-00	CARBON 82	5% 1/6W		R159 R160	1-247-791-00 1-247-791-00	CARBON CARBON	22 22	5% 5%	1/6W 1/6W	
R106 1-247-823-00 R107 1-249-421-11 R108 1-249-433-11 R109 1-249-433-11	CARBON 470 CARBON 2.2K CARBON 22K CARBON 22K	5% 1/6W 5% 1/6W		R161 R162 R163	1-247-791-00 1-247-791-00 1-247-791-00	CARBON CARBON CARBON	22 22 22	5% 5% 5%	1/6W 1/6W 1/6W	
R110 1-249-465-11 R111 1-249-437-11	CARBON 47K CARBON 47K	5% 1/4W 5% 1/6W		R164 R165 R166	1-247-791-00 1-247-791-00 1-247-791-00	CARBON CARBON CARBON	22 22 22	5% 5% 5%	1/6W 1/6W 1/6W	
R112 1-247-851-00 R113 1-249-421-11	CARBON 6.8K CARBON 2.2K	5% 1/6W 5% 1/6W	F	R167 R168	1-247-791-00 1-247-791-00	CARBON CARBON	22	5% 5%	1/6W 1/6W	
R114 1-249-421-11 R115 1-249-425-11	CARBON 2.2K CARBON 4.7K	5% 1/6W 5% 1/6W	Mari	R171	1-247-791-00 1-247-791-00	CARBON CARBON	22 22	5% 5%	1/6W 1/6W	
R116 1-249-414-11	CARBON 560	5% 1/6W		R173	1-247-791-00	CARBON	22	5%	1/6W	



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R176 R178 R179 R180 R181	1-249-429-11 1-249-433-11 1-249-421-11 1-249-421-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	10K 22K 2.2K 2.2K 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R333 R334 R335 R336 R337	1-247-815-00 1-247-815-00 1-249-417-11 1-249-417-11 1-247-713-11	CARBON CARBON CARBON CARBON CARBON	220 220 1K 1K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W	
R182 R183 R184 R185 R186	1-247-839-00 1-249-433-11 1-249-437-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	2.2K 22K 47K 1K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R338 R339 R340 R341 R342	1-247-815-00 1-249-417-11 1-249-417-11 1-249-441-11 1-249-441-11	CARBON CARBON CARBON CARBON CARBON	220 1K 1K 100K 100K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R187 R188 R189 R190 R191	1-249-417-11 1-249-417-11 1-249-417-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	1K 1K 1K 1K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R343 R344 R345 R346 R347	1-249-429-11 1-249-441-11 1-249-419-11 1-249-422-11 1-247-895-00	CARBON CARBON CARBON CARBON CARBON	10K 100K 1.5K 2.7K 470K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
R192 R193 R194 R195 R196	1-247-717-11 1-249-425-11 1-249-405-11 1-249-441-11 1-249-405-11	CARBON CARBON CARBON CARBON CARBON	2.2K 4.7K 100 100K 100	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W		R348 R349 R351 R352 R353	1-247-842-00 1-247-897-00 1-247-899-00 1-249-405-11 1-249-423-11	CARBON CARBON CARBON CARBON CARBON	3K 560K 680K 100 3.3K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R198 R199 R301 R302 R303	1-249-433-11 1-249-437-11 1-247-819-00 1-247-813-00 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	22K 47K 330 180 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W		R354 R355 R357 R358 R359	1-249-417-11 1-249-433-11 1-247-829-00 1-247-845-00 1-247-823-00	CARBON CARBON CARBON CARBON CARBON	1K 22K 820 3.9K 470	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R304 R305 R306 R307 R308	1-249-414-11 1-247-836-00 1-247-823-00 1-247-873-00 1-247-862-00	CARBON CARBON CARBON CARBON CARBON	560 1.6K 470 56K 20K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W		R360 R381 R382 R383 R384	1-247-833-00 1-249-417-11 1-247-826-00 1-247-838-00 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	1.2K 1K 620 2K 1.5K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R309 R310 R311 R312 R313	1-249-417-11 1-249-425-11 1-247-821-00 1-247-866-00 1-247-873-00	CARBON CARBON CARBON CARBON CARBON	1K 4.7K 390 30K 56K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R385 R386 R387 R388 R389	1-249-434-11 1-249-432-11 1-247-823-00 1-249-417-11 1-247-829-00	CARBON CARBON CARBON CARBON CARBON	27K 18K 470 1K 820	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R314 R315 R316 R317 R318	1-247-823-00 1-247-823-00 1-247-823-00 1-249-422-11 1-249-415-11	CARBON CARBON CARBON CARBON CARBON	470 470 470 2.7K 680	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R390 R391 R392 R393 R394	1-247-822-00 1-247-819-00 1-249-405-11 1-249-405-11 1-249-405-11	CARBON CARBON CARBON CARBON CARBON	430 330 100 100 100	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
R319 R320 R321 R322 R323	1-247-711-11 1-249-415-11 1-249-415-11 1-247-803-00 1-247-833-00		680 680 680 68 1.2K	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W		R401 R402 R403 R404 R405	1-249-405-11 1-247-821-00 1-249-433-11 1-247-829-00 1-247-706-11	CARBON CARBON CARBON CARBON CARBON	100 390 22K 820 330	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W	
R324 R325 R326 R327 R328	1-247-815-00 1-247-815-00 1-249-421-11 1-249-415-11 1-247-819-00	CARBON CARBON CARBON CARBON CARBON	220 220 2.2K 680 330	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R407 R409 R410 R411 R412	1-247-815-00 1-247-815-00 1-249-429-11 1-249-429-11 1-249-405-11	CARBON CARBON CARBON CARBON CARBON	220 220 10K 10K 10O	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R329 R330 R331	1-249-415-11 1-249-437-11 1-249-433-11	CARBON CARBON CARBON	680 47K 22K	5% 5% 5%	1/6W 1/6W 1/6W		R413 R414 R415	1-247-815-00 1-247-704-11 1-247-704-11	CARBON CARBON CARBON	220 220 220	5% 5% 5%	1/6W 1/4W 1/4W	



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R416	1-247-704-11	CARBON	220	5%	1/4W		R1102	1-247-719-11	CARBON	3.3K	5%	1/4W	
R418	1-249-405-11	CARBON	100	5%	1/6W		R1103	1-249-441-11	CARBON	100K	5%	1/6W	
R419	1-247-903-00	CARBON	1M	5%	1/6W		R1301	1-247-704-11	CARBON	220	5%	1/4W	
R420	1-247-725-11	CARBON	10K	5%	1/4W		R1302	1-247-859-00	CARBON	15K	5%	1/6W	
R421	1-247-162-00	CARBON	20K	5%	1/4W		R1303	1-247-857-00	CARBON	12K	5%	1/6W	
R422	1-247-725-11	CARBON	10K	5%	1/4W		R1304	1-247-881-00	CARBON	120K	5%	1/6W	
R423	1-247-172-00	CARBON	51K	5%	1/4W		R1305	1-247-887-00	CARBON	220K	5%	1/6W	
R424	1-249-432-11	CARBON	18K	5%	1/6W		R1306	1-247-887-00	CARBON	220K	5%	1/6W	
R425	1-247-725-11	CARBON	10K	5%	1/4W		R1307	1-249-433-11	CARBON	22K	5%	1/6W	
R426	1-247-704-11	CARBON	220	5%	1/4W		R1308	1-249-429-11	CARBON	10K	5%	1/6W	
R440	1-249-421-11	CARBON	2.2K	5%	1/6W		R1309	1-249-433-11	CARBON	22K	5%	1/6W	
R441	1-249-423-11	CARBON	3.3K	5%	1/6W		R1310	1-249-433-11	CARBON	22K	5%	1/6W	
R442	1-249-437-11	CARBON	47K	5%	1/6W		R1311	1-249-417-11	CARBON	1K	5%	1/6W	
R443	1-249-435-11	CARBON	33K	5%	1/6W		R1312	1-249-429-11	CARBON	10K	5%	1/6W	
R444	1-247-870-00	CARBON	43K	5%	1/6W		R1313	1-249-429-11	CARBON	10K	5%	1/6W	
R445	1-247-849-00	CARBON	5.6K	5%	1/6W		R1314	1-249-434-11	CARBON	27K	5%	1/6W	
R452	1-249-441-11	CARBON	100K	5%	1/6W		R1315	1-247-845-00	CARBON	3.9K	5%	1/6W	
R453	1-247-819-00	CARBON	330	5%	1/6W		R1316	1-247-815-00	CARBON	220	5%	1/6W	
R454	1-247-829-00	CARBON	820	5%	1/6W		R1317	1-249-433-11	CARBON	22K	5%	1/6W	
R455	1-247-815-00	CARBON	220	5%	1/6W		R1318	1-249-419-11	CARBON	1.5K	5%	1/6W	
R457	1-247-845-00	CARBON	3.9K	5%	1/6W		R1319	1-247-819-00	CARBON	330	5%	1/6W	
R459	1-249-429-11	CARBON	10K	5%	1/6W		R1320	1-249-405-11	CARBON	100	5%	1/6W	
R460	1-249-423-11		3.3K	5%	1/6W		R1321	1-249-421-11	CARBON	2.2K	5%	1/6W	
R461	1-249-423-11		3.3K	5%	1/6W		R1322	1-249-421-11	CARBON	2.2K	5%	1/6W	
R470	1-249-460-11	CARBON	15K	5%	1/4W		R1323	1-247-891-00	CARBON	330K	5%	1/6W	
R472	1-247-713-11		1K	5%	1/4W		R1324	1-247-891-00	CARBON	330K	5%	1/6W	
R473	1-249-417-11	CARBON	1K	5%	1/6W		R1325	1-249-417-11	CARBON	1K	5%	1/6W	
R474	1-249-417-11	CARBON	1K	5%	1/6W			1-216-349-51		relay.	5%	IW	F
R475	1-247-815-00	CARBON	220	5%	1/6W		R1334	1-249-421-11		2.2K	5%	1/6W	
R476	1-249-425-11	CARBON	4.7K	5%	1/6W		K1335	1-249-405-11	CARBON	100	5%	1/6W	
R477	1-249-425-11		4.7K	5%	1/6W		R1336	1-249-429-11	CARBON	10K	5%	1/6W	
R479	1-249-435-11		33K	5%	1/6W		R1337	1-249-429-11	CARBON	10K	5%	1/6W	
R480	1-247-815-00		220	5%	1/6W		R1338	1-247-710-11	CARBON	560	5%	1/4W	
R481	1-247-815-00		220	5%	1/6W		R1339	1-247-823-00	CARBON	470	5%	1/6W	
R482	1-247-848-00	CARBON	5.1K	5%	1/6W		R1340	1-247-815-00	CARBON	220	5%	1/6W	
R483	1-247-815-00		220	5%	1/6W		R1341	1-247-819-00	CARBON	330	5%	1/6W	
R484	1-249-441-11		100K	5%	1/6W		R1342	1-247-710-11	CARBON	560	5%	1/4W	
R485	1-247-891-00		330K	5%	1/6W		R1343	1-247-845-00	CARBON		5%	1/6W	
R486	1-249-429-11	CARBON		5%	1/6W		R1344	1-249-437-11	CARBON	47K	5%	1/6W	
R487	1-249-417-11	CARBON	1K	5%	1/6W		R1345	1-247-901-00	CARBON	820K	5%	1/6W	
R488	1-247-887-00	CARBON	220K	5%	1/6W		R1346	1-202-730-00	SO'_ ID	8.2M	10%	1/2W	
R489	1-247-851-00	CARBON	6.8K	5%	1/6W		R1347	1-249-422-11	CARBON		5%	1/6W	
R490	1-249-417-11	CARBON	1K	5%	1/6W			1-247-815-00	CARBON	220	5%	1/6W	
R491	1-249-429-11	CARBON	10K	5%	1/6W			1-249-423-11	CARBON	3.3K		1/6W	
R492	1-249-417-11	CARBON	1K	5%	1/6W		R1350	,1-215-471-91	METAL N	120K	1%	1/6W	100
R493	1-249-405-11	CARBON		5%	1/6W		R1401	1-249-423-11	CARBON	3.3K	5%	1/6W	
R494	1-249-433-11	CARBON		5%	1/6W		R1402	1-249-423-11	CARBON	3.3K	5%	1/6W	
R495	1-249-429-11	CARBON	10K	5%	1/6W		R1403	1-249-423-11	CARBON	3.3K	5%	1/6W	
R496	1-247-857-00		12K	5%	1/6W		R1404	1-249-423-11		3.3K	5%	1/6W	
R497	1-247-844-00	CARBON	3.6K	5%	1/6W		R1405	1-247-833-00	CARBON	1.2K	5%	1/6W	
R498	1-249-421-11		2.2K	5%	1/6W		R1406	1-249-417-11	CARBON	1K	5%	1/6W	
R499	1-249-429-11	CARBON	10K 100K	5% 5%	1/6W 1/6W		R1407	1-249-417-11 1-249-405-11	CARBON CARBON	1K	5%	1/6W	
R1101	1-249-441-11	CARBON								100	5%	1/6W	

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Ref.No. Part No.	Description			Remark	Ref.No.	. Part No.	Description	<u>n</u>			Remark
R1409 1-249-405-11 R1410 1-249-405-11 R1411 1-215-409-00 R1412 1-249-417-11	CARBON ME TAL CARBON	100 330 1K	5% 1/6 5% 1/6 1% 1/6 5% 1/6	W W	C315 C322 C323	1-123-307-00 1-102-971-00 1-123-307-00	ENIO, U	100MF 82PF 100MF	5	0%	10V 50V 10V
R1413 1-214-727-00	ME TA'_	820	1% 1/4	W		DEL	AY LINE				
R1414 1-214-727-00 R1415 1-247-838-00 R1416 1-249-417-11	CARBON	2K	1% 1/4 5% 1/6 5% 1/6	W		1-415-509-11 1-415-509-11					
R1417 1-215-409-00 R1418 1-215-409-00			1% 1/6 1% 1/6		į	CON	INECTOR				
R1419 1-215-409-00	METAL	330	1% 1/6	W	P201	*1-562-516-11		BOARD TO	BOARD	5P	
R1420 1-215-409-00 R1421 1-247-833-00			1% 1/6 5% 1/6		1	TRA	ANSISTOR				
R1422 1-249-429-11 R1423 1-249-423-11		10K	5% 1/6 5% 1/6	W	Q310 Q311 Q312	8-729-178-54 8-729-117-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175			
R1424 1-247-869-00 R1425 1-249-432-11 R1426 1-249-421-11	CARBON	18K	5% 1/6 5% 1/6 5% 1/6	W	Q319 Q320	8-729-117-54 8-729-178-54	TRANSISTOR TRANSISTOR	2SA1175			
R1427 1-249-421-11 R1428 1-247-829-00	CARBON	2.2K	5% 1/6 5% 1/6	W	Q321	8-729-178-54	TRANSISTOR	2SC2785			
R1429 1-215-421-00	ME TA!	1K	1% 1/6	W	1	RES	SISTOR				
R1430 1-215-432-00 R1431 1-249-429-11 R1432 1-249-429-11 R1433 1-249-441-11	ME TA'_ CARBON CARBON	3K 10K 10K	1% 1/6 5% 1/6 5% 1/6 5% 1/6	W W W	R361 R362 R363 R364	1-247-845-00 1-249-433-11 1-249-421-11 1-249-417-11	CARBON CARBON CARBON CARBON	3.9K 22K 2.2K 1K	5% 5%	1/6W 1/6W 1/6W 1/6W	
V A	RIABLE RESISTOR				R365	1-249-417-11	CARBON	1K	5%	1/6W	
RV301 1-228-718-00 RV401 1-228-724-00 RV402 1-228-724-00 RV403 1-228-724-00 RV471 1-228-724-00	RES, ADJ, CER/ RES, ADJ, CER/ RES, ADJ, CER/ RES, ADJ, CER/	AMIC CAL AMIC CAL AMIC CAL	RBON 10K RBON 10K RBON 10K		R366 R367 R368 R369 R370	1-247-833-00 1-249-417-11 1-249-417-11 1-249-417-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	1.2K 1K 1K 1K 2.2K	5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
RV472 1-228-724-00 RV1401 1-228-719-00 RV1402 1-228-719-00 RV1403 1-228-724-00	RES, ADJ, CERARES, ADJ, CERA	AMIC CAL	RBON 470 RBON 470		R371 R372 R373 R374 R375	1-249-417-11 1-249-420-11 1-249-421-11 1-249-414-11 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	1K 1.8K 2.2K 560 1.5K	5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
TR	ANSFORMER				R376	1-247-821-00	CARBON	390	5%	1/6W	
T301 1-425-786-00	TRANSFORMER, E	BANDPAS	S(BPT)		R377 R378 R379	1-247-821-00 1-249-421-11 1-249-435-11	CARBON CARBON CARBON	390 2.2K 33K	5% 5%	1/6W 1/6W 1/6W	
CR	YSTA'L				R380	1-247-859-00	CARBON	15K	5%	1/6W	
X101 1-567-192-11 X401 1-527-722-00	OSCILLATOR, CO OSCILLATOR, CO	ERAMIC RYSTAL			*****	********* *1-619-285-11		*****	*****	****	*****
********	*****	*****	*****	*****	*	~1-019-205-11	*****				
*1-619-318-11	B2 BOARD					CAF	PACITOR				
CA	PACITOR					A.1-136-346-11 A.1-136-346-11		0.22MF		20%	125V
C309 1-101-006-00 C310 1-123-318-00	CERAMIC	0.047MF 33MF	20%	50V 16V	C603 A	1-162-578-51 1-162-578-00	FI'_M CERAMIC CERAMIC	0.22MF 0.0047 0.0047	MF 2	20%	125V 400V 400V
C313 1-123-307-00 C314 1-102-963-00	E'_ECT	100MF 33PF	20% 5%	10V 50V	C606	1-162-578-00	CERAMIC CERAMIC	0.0047		20%	400V 400V

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Ref.No. Part No.	Description			Remark	Ref.No	. Part No.	Description			Remar
C607 1-125-295-00 C608 1-125-295-00 C611 A.1-162-578-51	ELECT(BLOCK) 5		20% 20% 20%	200V 200V 400V		*1-613-423-11	GA BOARD			
C 612 A.1-162-578-51		0.0047MF	20%	400V		CAP	AC I TOR			
D1001 8-719-911-55 D602 8-719-911-55 D603 4.8-719-938-40	DIODE UO5G DIODE UO5G	2V1			C652 C654 C655 C656 C671	1-136-103-00 1-136-103-00 1-136-131-00 1-162-578-00 1-136-120-00	FILM	0.1MF 0.1MF 0.12MF 0.0047MF 0.22MF	5% 5% 5% 20% 5%	200V 200V 400V 400V 400V
<u>C Or</u>	NNECTOR				C672	1-162-318-11	CERAMIC	0.001MF	10%	500V
F1 *1-508-765-00 F2 *1-566-063-11 F3 *1-508-765-00 F4 *1-508-765-00 F5 *1-508-784-00	3P PLUG (M) PIN, CONNECTOR 3P PLUG (M) 3P PLUG (M) 1P PLUG				C673 C675 C677 C680 	1-162-318-11 1-162-318-11 1-162-318-11 1-102-030-00 1-102-030-00		0.001MF 0.001MF 0.001MF 330PF	10% 10% 10% 10%	500V 500V 500V 500V
					0001			33011	10%	3004
F6 *1-506-371-00 F7 *1-508-765-00 F8 1-506-348-XX F9 *1-508-784-00 F10 1-506-348-XX	2P PLUG (L) 3P PLUG (M) 4P PLUG 1P PLUG 3P PLUG (L)				D651 D652 D653 D654	8-719-302-11 8-719-901-93 8-719-302-11 8-719-901-93	DIODE RM2CSS DIODE V19E DIODE RM2CSS			
F11 *1-508-784-00	1P PLUG					CON	INECTOR			
FU	SE				G4	*1-508-765-00	Teal of the same			
F601 A.1-532-627-11 1-533-190-11	FUSE, GLASS TU CLIP, FUSE; F6		V (3)		1 04	<u>COI</u>				
	I' <u>·</u> COIĿ, SPOOK CH SISTOR	HOKE			1.651 1.652 1.660 1.661	1-425-612-00 1-425-612-00 1-425-612-00 1-425-612-00	COIL, ARE-COCOIL, ARE-COCOIL, ARE-CO	ORE ORE		
R601 A,1-202-719-91 R602 A,1-202-723-91 R603 1-244-923-00 R604 1-244-923-00	SOLID CARBON	2.2M 10% 120K 5%	1/2 1/2 1/2 1/2	W W		↑.8-729-905-49 4-374-104-01 4-374-108-01 ↑.8-729-905-49 4-374-104-01	TRANSISTOR : HO'LDER, TR; SPACER, MICA	Q651 A; Q651 2SC3163-T		
RL601A, 1-515-491-11	RELAY (POWER)		1.74			4-374-108-01	SPACER, MICA	A; Q652		
TR	ANSFORMER					RES	SISTOR			
T601 A.1-421-730-11 T602 A.1-421-730-11 T603 A.1-448-755-11	LFT TRANSFORMER, F ERMISTOR	POWER			R652	1-215-926-00 1-215-926-00 1-202-846-00 1-206-439-00 1-206-439-00	META'_ OX IDE SO'_ID	33K 5% 33K 5% 470K 109 1 5% 1 5%	3W 1/2W	F F F
ГНР 601 (1, 1-806-214-21 ГНР 602 (1, 1-800-686-42	THERMISTOR (PO				R660 R662	1-202-846-00 1-207-451-11		470K 109		
						TRA	ANSFORMER			
						<u>↑</u> 1-421-695-11 ↑1-421-710-11				

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ef.No	Part No.	Description			Remark	Ref.No	Part No.	Description				Remar
	*1-613-424-11	GB BOARD				10	RES	SISTOR				
	1-407-364-00 *3-701-946-22	COIL, SPOOK LABEL, FUSE	CHOKE 3.3UH			R658	⚠.1-206-700- 61	CARBON CARBON	33K 47 47 2.2M	5% 5% 5%	2W 1/8W 1/8W 1/2W	F F
	CAP	AC I TOR						# # # # # # # # # # # # # # # # # # # #			2, 21	
C 656	1-106-196-00	MYLAR	0.01MF	10%	100V	1	IRA	INSFORMER				
C 658	1-124-125-91 1-129-710-00	ELECT	22MF 0.0047MF	20% 2 10% 6 10% 6	25V	T653	₾.1-421-894-11	PIT				
660	1-129-710-00	FILM	0.0047MF		630V 630V	****	*******	*****	*****	****	*****	*****
C 661	1-136-240-11	FILM	0.014MF	5%	1KV		*A-1330-784-A	C BOARD, COM	DIETE			
C 662 A	1-162-318-11	ELECT(BLOCK) CERAMIC	560MF 0.001MF	20%	160V		N-1000-704-A	*****				
C664	1-162-318-11	CERAMIC	0.001MF	10%	500V 500V		1-526-644-71	SOCKET, CRT				
	A. 1-123-338-51 A. 1-123-324-51	ELECT	2200MF 1000MF	20%	25V 16V		CON	INECTOR				
		of Davido										
C 667 C 668	1-162-318-11 1-162-318-11	CERAMIC CERAMIC	0.001MF 0.001MF	10% 10%	500V 500V	C1	*1-506-371-21 *1-566-054-11	2P PLUG (L) PIN. CONNECT	OP 20			
669 /	1-123-877-51	ELECT	470MF	20%	35V	1 C3	*1-566-055-11	PIN, CONNECT				
	1-123-877-51	ELECT	470MF	20%	35V	I C5	*1-566-061-11	PIN, CONNECT	OR 9P			
C 682	1-101-006-00	CERAMIC	0.047MF		50V	C6	*1-566-054-11	PIN, CONNECT	OR 2P			
684	1-124-038-00	ELECT	1MF	20%	50 v	C7	*1-508-768-00 *1-508-784-00	6P PLUG				
	DIC	DDE						TI MITERI				
0655	8-719-300-09	DIODE CTU-24	S				CAF	PACITOR				
	*4-347-706-00	HEAT SINK (T			141	C701	1-162-115-00	CERAMIC	330PF		10%	2KV
0656 <u>A</u>	8-719-301-09	DIODE CT -12				C702	1-129-779-00	FILM	0.022M	F	20%	1KV
	8-719-301-09	DIODE CT12				1 C703	1-123-383-00 1-123-948-00	ELECT	4.7MF 22MF		20%	100V 250V
						C705	1-108-433-00		0.1MF		10%	200V
0659 <u>№</u> 0661	8-719-301-09 8-719-982-04	DIODE CTL-12 DIODE ERB81-				 C706	1-108-433-00	MVLAD	0.1MF		100	2004
7001			004			C707	1-102-116-00	MYLAR CERAMIC	680PF		10% 10%	200V 50V
	FUS	<u>E</u>				C708	1-102-116-00 1-102-116-00	CERAMIC	680 PF		10%	50V
F651 /	1-532-593-11	FUSE, GLASS	TUBE 1.6A/1	.25V		C710	1-102-115-00	CERAMIC CERAMIC	680 PF 560 PF		10% 10%	50V 50V
	CON	NECTOR				C711	1-123-356-00	ELECT	10MF		20%	25V
35	*1-508-765-00	3P PILIG (M)				C712	1-102-115-00 1-102-116-00	CERAMIC CERAMIC	560PF		10%	50V
						I C714	1-123-321-00	ELECT	680 PF 220MF		10% 20%	50V 16V
	MOD	ULE				C715	1-102-125-00	CERAMIC	0.0047	MF	10%	50V
C651	1-235-445-11	MODULE, POWE	R (DM-21)			C718	1-102-125-00	CERAMIC	0.0047		10%	50V
	COI	1_				C723	1-108-634-81 1-102-971-00	MYLAR CERAMIC	0.047M 82PF	1	10% 5%	100V 50V
650	N. T. T.					C754	1-108-617-91	MYLAR	0.0018	MF	10%	100V
653	1-407-780-00 1-407-365-00	COIL, SPOOK COIL, CHOKE	CHOKE			C755	1-123-356-00	ELECT	10MF		20%	25V
655	1-407-364-00	COIL, SPOOK	CHOKE 3.3UH			C756	1-106-196-00	MYLAR	0.01MF		10%	100V
656	1-459-406-00	COIL (WITH C	ORE)			C757	1-106-196-00		0.01MF		10%	100V
657	1-408-225-00	MICRO INDUCT	OR 3.3UH			C758	1-102-963-00	CERAMIC	33PF		5%	50V
658	1-407-365-00	COIL, CHOKE				C759	1-102-963-00 1-108-614-91	CERAMIC	33PF 0.001M	E	5% 10%	50V 100V
659	1-407-780-00	COIL, SPOOK	CHOKE			1 0700	1-100-014-91	HT-MK	0.001	1	10%	1004
662	1-407-720-00	CHOKÉ CO I'L				C762	1-106-196-00	MY'_AR	0.01MF		10%	1000
						C763	1-123-356-00	ELECT	10MF		20%	50V

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

PVM-2530 RM-739



Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description				Rer	mark
C764 C765	1-106-220-00 1-123-380-00	MY'_AR E'_ECT	0.1MF 1MF	10% 20%	100V 50V	Q757 A	.8-729-177-42	TRANSISTOR 2	SD774-3	111-11			
C766	1-123-360-00	ELECT	100MF	20%	50V	i	RES	ISTOR					
	DIC	NDE.				1 5701 6	1 010 050 61		3.84	1213	T. stanki i		W1 5
	DIC	DUE				R701 A	1-212-352-61	META' OX IDE	0.22	5%	1W	F	
D701	8-719-911-19	DIODE 1SS119				I R703	1-202-844-00	SOLID	470K 330K	10%	1/2W 1/2W		
D702	8-719-911-19	DIODE 1SS119				R704	1-202-815-11	SOLID	47K	10%	1/2W		
D703	8-719-911-19	DIODE 1SS119				I R705	1-202-846-00	SOLID	470K	10%	1/2W		
D704	8-719-911-19	DIODE 1SS119				1	2.15			-070	2, 2,		
D705	8-719-911-19	DIODE 1SS119				R706	1-202-720-00	SO'_ID	1.2M	10%	1/2W		
. 70.5	0.714.414.41					R707	1-202-842-11	SO'_ID	220K	10%	1/2W		
D706	8-719-911-19	DIODE 1SS119				R708	1-202-818-00	SOLID	1K	10%	1/2W		
D707 D708	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119				R709	1-202-818-00	SO'_ID	1K	10%	1/2W		
D708	8-719-911-19	DIODE 155119				R710	1-202-818-00	SO'_ID	1K	10%	1/2W		
D710	8-719-901-83	DIODE 1SS83				R711	1-202-549-00	SO'_ID	100	10%	1/2W		
0,10	0-715-501-05	01001 13303				R712	1-202-543-00	SOLID	56	10%	1/2W		
D711	8-719-901-83	DIODE 1SS83				I R713	1-216-486-00	METAL OX IDE	8.2K	5%	3W	-	
D712	8-719-901-83	DIODE 1SS83				I R714	1-247-815-00	CARBON	220	5%	1/6W	,	
D713	8-719-901-83	DIODE 1SS83				R715	1-249-429-11	CARBON	10K	5%	1/6W		
D751	8-719-911-19	DIODE 1SS119				1 100							
D752	8-719-911-19	DIODE 1SS119				R716	1-216-486-00	METAL OX IDE	8.2K	5%	3W	F	
	1000					R717	1-247-815-00	CARBON	220	5%	1/6W		
	COI	- WILL IN THE LI				R720	1-216-486-00	METAL OX IDE	8.2K	5%	3M	F	
1.701	1 407 701 00	MICDO INDUCTO	00 4700			R721	1-247-815-00	CARBON	220	5%	1/6W		
1.701 1.702	1-407-701-00	MICRO INDUCTO				R722	1-249-405-11	CARBON	100	5%	1/6W		
1703	1-407-706-00	MICRO INDUCTO				R723	1-247-700-11	CADRON	100	E o/	1 / ///		
1704	1-407-694-00	MICRO INDUCTO				1 R724	1-249-405-11	CARBON CARBON	100	5% 5%	1/4W 1/6W		
1705	1-407-696-00	MICRO INDUCTO				R725	1-249-429-11	CARBON	10K	5%	1/6W		
V 10		HELD THE STATE OF	ADDITION OF			R726	1-247-813-00	CARBON	180	5%	1/6W		
1706	1-407-709-00	MICRO INDUCTO	OR 220UH			R727	1-249-429-11	CARBON	10K	5%	1/6W		
1.707	1-407-695-00	MICRO INDUCTO				1							
1.721	1-408-446-11	MICRO INDUCTO				R728	1-247-813-00	CARBON	180	5%	1/6W		
1751	1-408-399-00	MICRO INDUCTO	OR 1.5UH			R729	1-249-441-11	CARBON	100K	5%	1/6W		
	TDA	NCICIOD				R730	1-247-812-00	CARBON	160	5%	1/6W		
	TRA	NSISTOR				R731 R732	1-247-719-11	CARBON	3.3K	5%	1/4W		
0701	8-729-326-11	TRANSISTOR 2S	c2611			K/32	1-247-719-11	CARBON	3.3K	5%	1/4W	F	
Q702	8-729-178-54	TRANSISTOR 25				R733	1-247-719-11	CARBON	3.3K	5%	1/4W	F	
0703	8-729-200-17	TRANSISTOR 25				1 R734	1-247-715-11	CARBON	1.5K	5%	1/4W	à r	
0704	8-729-326-11	TRANSISTOR 25				R735	1-246-476-00	CARBON	1.3K	5%	1/4W		
Q705	8-729-178-54	TRANSISTOR 25				R736	1-246-476-00	CARBON	1.3K	5%	1/4W		
						R737	1-249-441-11	CARBON	100K	5%	1/6W		
Q706	8-729-200-17	TRANSISTOR 25				1							
Q707	8-729-200-17	TRANSISTOR 25				R739	1-247-881-00	CARBON	120K	5%	1/6W		
Q708	8-729-326-11	TRANSISTOR 25					1-215-902-51	METAL OX IDE	47K	5%		F	
Q709	8-729-178-54	TRANSISTOR 25				R741	1-247-873-00	CARBON	56K	5%	1/6W	_	
Q710	8-729-255-12	TRANSISTOR 25	662551			R742	1-247-725-11	CARBON	10K	5%	1/4W		
0712	8-729-255-12	TRANSISTOR 25	C 2551			R743	1-247-725-11	CARBON	10K	5%	1/4W	F	
Q714		TRANSISTOR 25				R744	1-247-725-11	CARBON	10K	5%	1/4W	F	
Q715	8-729-200-17	TRANSISTOR 25					1-247-713-51	CARBON	1K	5%	1/4W		
Q716	8-729-200-17	TRANSISTOR 25					.1-215-879-51	METAL OX IDE	47K	5%	1W		
Q751	8-729-178-54	TRANSISTOR 25				R747	1-247-725-11	CARBON	10K	5%	1/4W	F	
T VOLU						R751	1-247-704-11	CARBON	220	5%	1/4W		
Q752	8-729-178-54	TRANSISTOR 25								00-750			
Q753	8-729-178-54	TRANSISTOR 25				R752	1-247-815-00	CARBON	220	5%	1/6W		
Q754	8-729-177-43	TRANSISTOR 25				R753	1-247-833-00	CARBON	1.2K	5%	1/6W		
Q755	8-729-178-54	TRANSISTOR 25				R754	1-247-821-00	CARBON	390	5%	1/6W	-	
Q756	8-729-374-02	TRANSISTOR 25	B/4U				1-215-871-51	METAL OX IDE	2.2K		11/61/	F	
						R756	1-249-414-11	CARBON	560	5%	1/6W		

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Replace only with part number specified.

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C D2

Ref. No. Part No. Description Remark Ref. No. Part No. Description Rem. Ref. No. Part No. Ref.												
R786	Ref.No.	Part No.	Descriptio	<u>n</u>		Remark	Ref.No.	Part No.	Description			Remark
R758 -249-435-11 CARBON 10 5% 1/6N C2531 1-106-224-00 MYLAR 0.15MF 10% 100V R760 1-247-819-00 CARBON 220 5% 1/6N C2535 1-108-630-91 MYLAR 0.01MF 10% 100V R760 1-247-819-00 CARBON 220 5% 1/6N C2535 1-108-630-91 MYLAR 0.022MF 10% 100V R760 1-247-819-00 CARBON 220 5% 1/6N C2535 1-108-630-91 MYLAR 0.022MF 20% 50V R763 1-249-343-11 CARBON 47% 5% 1/6N C2537 1-123-350-00 ELECT 4.7MF 20% 50V R763 1-249-343-11 CARBON 47% 5% 1/6N C2537 1-123-332-00 ELECT 4.7MF 20% 50V R763 1-249-345-11 CARBON 10% 5% 1/6N C2537 1-123-332-00 ELECT 4.7MF 20% 50V R763 1-249-345-11 CARBON 33K 5% 1/6N C2538 1-23-369-00 ELECT 4.7MF 20% 50V R763 1-249-345-11 CARBON 30K 5% 1/6N C2538 1-23-369-00 ELECT 4.7MF 20% 50V R763 1-249-359-11 CARBON 10% 5% 1/6N C2538 1-23-369-00 ELECT 4.7MF 20% 50V R770 1-249-389-11 CARBON 10% 5% 1/6N C2538 1-23-369-00 ELECT 4.7MF 20% 50V R771 1-249-389-11 CARBON 10% 5% 1/6N C2538 1-23-369-00 ELECT 4.7MF 20% 50V R771 1-249-389-11 CARBON 4.7 5% 1/6N C2538 1-23-369-00 ELECT 4.7MF 20% 50V R771 1-249-389-11 CARBON 4.7 5% 1/6N C2538 1-23-369-00 ELECT 4.7MF 20% 50V R771 C2508 1-23-369-10 ELECT 4.7MF 20% 50V R771 C2508 1-23-369-00 ELECT 4.7MF 20% 50V R771 C2508 1-23-369-00 ELECT 4.7MF 20% 50V R771 C2508 1-23-369-00 ELECT 1.0MF 20% 50V R771 C2508 1.23-369-00 E	R757	1-247-849-00	CARBON	5.6K 5%	1/6W		C2527	1-108-614-91	MYLAR	0.001MF	10%	100V
R259 1 - 1249-393-11 CARBON 330 % 1/6N		1-249-435-11	CARBON	33K 5%	1/6W		C2530	1-106-224-00	MY'_AR	0.15MF		
R760 1-247-819-00 CARBON 200 5% 1/6W C2535 1-108-630-91 MYLAR 0.022MF 10% 100V R761 1-247-815-00 CARBON 220 5% 1/6W C2536 1-123-331-00 ELECT 0.47MF 20% 50V R762 1-249-437-11 CARBON 4% 5% 1/6W C2538 1-123-332-00 ELECT 4.7MF 20% 50V R763 1-249-437-11 CARBON 1% 5% 1/6W C2538 1-123-332-00 ELECT 4.7MF 20% 50V R764 1-249-397-11 CARBON 1% 5% 1/6W C2538 1-123-332-00 ELECT 4.7MF 20% 50V R765 1-249-435-11 CARBON 1% 5% 1/6W C2538 1-123-332-00 ELECT 4.7MF 20% 50V R766 1-249-435-11 CARBON 1% 5% 1/6W C2538 1-123-332-00 ELECT 4.7MF 20% 50V R767 1-249-435-11 CARBON 33% 5% 1/6W C2538 1-123-332-00 ELECT 4.7MF 20% 50V R768 1-249-435-11 CARBON 33% 5% 1/6W C2538 1-123-332-00 ELECT 4.7MF 20% 50V R777 1-249-339-11 CARBON 33% 5% 1/6W C2538 1-123-332-00 ELECT 4.7MF 20% 50V R778 1-249-339-11 CARBON 33% 5% 1/6W C2538 1-123-332-00 ELECT 4.7MF 20% 50V R779 1-249-339-11 CARBON 4.7 5% 1/6W C2538 1-123-332-00 ELECT 4.7MF 20% 50V R770 1-249-339-11 CARBON 4.7 5% 1/6W C2508 1-123-332-00 ELECT 4.7MF 20% 50V R771 1-249-339-10 CARBON 56 5% 1/6W C2508 1-123-332-00 ELECT 4.7MF 20% 50V R770 1-228-724-00 RES, ADJ, CERMIC CARBON 10K C2508 1-128-62-91 MYLAR 0.003MF 10% 100V 12504 4.799-111-9 0.00E E812-02 R770 1-228-724-00 RES, ADJ, CERMIC CARBON 10K C2508 2.799-128-00 MYLAR 0.003MF 10% 100V 12504 4.799-111-9 0.00E E812-02 0.2507 1.799-111-9 0.00E R812-02 0.2507 0.2508 2.799-18-54 R8NISTIOR 2502785 0.2509 1.23-350-00 ELECT 10MF 20% 50V 0.2508 8.799-170-00 MICRO INDUCTOR ISMMH 0.2509 1.23-350-00 ELECT 10MF 20% 50V 0.2508 8.729-178-54 TRANSISTOR 2502785 0.2509 1.223-350-00 ELECT 10MF 20% 50V 0.2508 8.729-178-54 TRANSISTOR 2502785 0.2511 1.23-350-00 ELECT 10MF 20% 50V 0.2508 8.729-178-54 TRANSISTOR 2502785 0.2511 1.29-330-00 ELECT 10MF 20% 50V 0.2508 8.729-178-54 TRANSISTOR 2502785 0.2511	R759	1-249-393-11	CARBON	10 5%	1/6W	F	C2532					
R761 -247-815-00 CARBON 220 5% 1/6W C2536 1-123-351-00 ELECT 0.47MF 20% 50% C7636 1-249-437-11 CARBON 47% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7646 2-249-437-11 CARBON 1% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7646 2-249-437-11 CARBON 1% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7646 2-249-437-11 CARBON 1% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7646 2-249-437-11 CARBON 1% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7649-417-11 CARBON 1% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7649-417-11 CARBON 1% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7649-417-11 CARBON 1% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7649-417-11 CARBON 1% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7649-417-11 CARBON 1% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7649-417-11 CARBON 33% 5% 1/6W C2538 1-123-369-00 ELECT 4.7MF 20% 50% C7649-417-11 CARBON 33% 5% 1/6W C7649-417-11 CARBON 33% 5% 1/6W C7649-417-11 C7649-417-1	R760	1-247-819-00	CARBON	330 5%	1/6W		C2535	1-108-630-91			75.5	
R766 1-249-437-11 CARBON 27 5% 1/6W F R766 1-249-417-11 CARBON 18 5% 1/6W F R766 1-249-417-11 CARBON 38 5% 1/6W R767 1-249-417-11 CARBON 38 5% 1/6W R768 1-249-417-11 CARBON 38 5% 1/6W R769 1-249-417-11 CARBON 38 5% 1/6W R769 1-249-417-11 CARBON 38 5% 1/6W R769 1-249-417-11 CARBON 38 5% 1/6W R771 1-249-389-11 CARBON 4,7 5% 1/6W F R771 1-249-389-11 CARBON 4,7 5% 1/6W F R772 1-249-389-11 CARBON 4,7 5% 1/6W F R772 1-249-389-11 CARBON 4,7 5% 1/6W F R773 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-10 CARBON 4,7 5% 1/6W F R770 1-249-389-10 CARBON 4,7 5% 1/6W F R770 1-249-389-10 CARBON 4,7 5% 1/6W F R770 1-249-389-10 CARBON 4,7 5% 1/6W F R770 1-249-389-11 CARBON 4,7 5% 1/6W F R770 1-249-389-10 CARBON 4	R761	1-247-815-00	CARBON	220 5%	1/6W		C2536					
R765 1-249-437-11 CARBON	R762	1-247-815-00	CARBON	220 5%	1/6W	i in	C2537	1-123-332-00	E! ECT	47MF	20%	25V
R766 -249-397-11 CARBON 22 5% 1/64 F R766 -249-435-11 CARBON 1% 5% 1/64 D21 *1-566-058-11 PIN, CONNECTOR 6P *1-508-767-00 5P P.UG *1-508	R763	1-249-437-11	CARBON	47K 5%	1/6W							
R766	R764	1-249-397-11	CARBON	22 5%		F					20%	301
R766	R765	1-249-417-11	CARBON	1K 5%	1/6W		İ	CON	INECTOR			
R768 -249-441-11 CARBON 100K 5% 1/6W 1024 *1-508-765-0.0 5p 100	R766	1-249-435-11	CARBON		1/6W		İ	10-11-27				
1-249-435-11 CARBON 33K 5K 1/6W 1/6W 1/249-435-11 CARBON 1.5	R 767	1_249_441_11	CAPRON		1/61/					TOR 6P		
1-249-417-11 CARBON												
R770								and the second second second second				
1-249-389-11 CARBON 4.7 5x 1/6W F												
R772							1 023	~1-306-764-00	1P P_UG			
VARIABLE RESISTOR	0.770	1 047 001 00					D26	*1-566-054-11	PIN, CONNEC	TOR 2P		
VARIABLE RESISTOR	R//2	1-24/-801-00	CARBON	56 5%	1/6W		1	DIC	NDE.			
1-226-157-00 RES, ADJ, CERAMIC CARBON 20K D2503 8-719-920-02 D100E ERB12-02 RV705 1-228-727-00 RES, ADJ, CERAMIC CARBON 47K D2504 8-719-911-19 D100E 1SS119 D2505 8-719-911-19 D100E 1SS119 D2505 8-719-911-19 D100E 1SS119 D2505 RV706 1-228-727-00 RES, ADJ, CERAMIC CARBON 10K D2505 8-719-911-19 D100E 1SS119 D2507 RV706 1-228-727-00 RES, ADJ, CERAMIC CARBON 10K D2507 RV706 RV70		VAR	RIABLE RESIS	TOR				DIC)DE			
RY701 1-226-157-00 RES, ADJ, CERAMIC CARBON 20K RY705 1-228-729-00 RES, ADJ, CERAMIC CARBON 47K RY706 1-228-727-00 RES, ADJ, CERAMIC CARBON 10K RY707 RY706 1-228-727-00 RES, ADJ, CERAMIC CARBON 10K RY708 1-228-727-10-50 DIODE ERB12-02 RY709 R-739-910-50 DIODE ERB12-02 RY709 R-739-910-10-50 DIODE ERB12-02 RY709 R-739-110-51 DIODE TSS119 RY709 R-739-910-10-10 DIODE 1SS119 RY708 R-739-110-10 DIODE 1SS119 RY708 R-739-110-10 DIODE TSS119 RY708 R-739-110-10 DIODE TSS119 RY708 R-739-110-10 DIODE TSS119 RY708 R-739-110-10 DIODE TSMHH COULT RIAMIN				_			D2501	8-719-911-19	DIODE 1SS11	9		
1-228-729-00 RES, ADJ, CERAMIC CARBON 220K D2503 8-719-911-19 D100E ERB12-02 RV706 1-228-724-00 RES, ADJ, CERAMIC CARBON 10K D2505 8-719-911-19 D100E ERB12-02 D100E ERB1	RV701	1-226-157-00	RES, ADJ,	METAL GLAZE 1	M		D2502	8-719-920-02	DIODE ERB12	2-02		
RAYONG 1-228-724-00 RES, ADJ, CERAMIC CARBON 10K D2505 8-719-911-19 D100E ISS119			RES, ADJ,	CERAMIC CARBO	N 220K		D2503	8-719-920-02	DIODE ERB12	2-02		
######################################	R V 7 0 5	1-228-727-00	RES, ADJ,	CERAMIC CARBO	N 47K		D2504	8-719-911-19	DIODE 1SS11	9		
*A-1340-936-A	RV706	1-228-724-00	RES, ADJ,	CERAMIC CARBO	N 10K		D2505					
*A-1340-936-A D2 BOARD, COMPLETE ***********************************	*****	******	*****	*****	*****	******	D2506	8-719-920-02	DIODE ERRIS	2_02		
CODE			118, 1			41						
CAPACITOR C2501 1-108-618-91 MYLAR		*A-1340-936-A	D2 BOARD,	COMPLETE			1	COI	7			
			N N N N N N N N N N N N N N N N N N N					D 4 T				
C2501 1-108-618-91 MYLAR		CAP	PACITOR								li i	
C2502 1-108-632-81 MYLAR	C 25.01	1 100 610 01	MVIAD	0.0022ME	100	1004						
C2503 1-108-620-91 MYLAR												
C2504 1-102-074-00												
C2505 1-106-196-00 MYLAR							1 12505	1-443-012-00	TRANSFORMER	R, DYNAMIC	CONVERSION	
C2506 1-108-620-91 MYLAR								1 150 100 00		- Dice		
C 2507	C 2303	1-106-196-00	MYLAR	O.UIMF	10%	1004	1 2506	1-459-123-00	COIL, DUST	CORE (PAC)		
C 2508 1-123-351-00 ELECT							İ	TRA	NSISTOR			
C2509 1-123-356-00 ELECT 10MF 20% 50V Q2502 8-729-178-54 TRANSISTOR 2SC2785 Q2501 1-123-356-00 ELECT 10MF 20% 50V Q2503 8-729-178-54 TRANSISTOR 2SC2785 Q2501 1-123-359-00 ELECT 47MF 20% 50V Q2505 8-729-178-54 TRANSISTOR 2SC2785 Q2502 1-123-359-00 ELECT 47MF 20% 50V Q2505 8-729-178-54 TRANSISTOR 2SC2785 Q2502 8-729-178-54 TRANSISTOR 2S												
C 2510 1-123-356-00 ELECT 10MF 20% 50V Q 2503 8-729-178-54 TRANSISTOR 2SC2785 Q 2504 8-729-178-54 TRANSISTOR 2SC2785 Q 2504 8-729-178-54 TRANSISTOR 2SC2785 Q 2504 8-729-178-54 TRANSISTOR 2SC2785 Q 2504 8-729-178-54 TRANSISTOR 2SC2785 Q 2505 8-729-178-54 TRANSISTOR 2SC2785 Q 2506 8-729-178-54 TRANSISTOR 2SC2785 Q 2507 Q 2508 8-729-178-54 TRANSISTOR 2SC2785 Q 2508 Q 2508 8-729-178-54 TRANSISTOR 2SC2785 Q 2508 Q 2508 8-729-178-54 TRANSISTOR 2SC2785 Q 2509 Q 2509 R 2729-169-02 TRANSISTOR 2SC2690 Q 2509 R 2729-169-02 TRANSISTOR 2SC2690 Q 2509 R 2729-195-82 TRANSISTOR 2SC2690 Q 2509 R 2729-195-82 TRANSISTOR 2SC2958 Q 2509 R 2729-109-54 TRANSISTOR 2SC2958 Q 2509 R 2729-109-54 TRANSISTOR 2SC2958 Q 2509 R 2729-109-54 TRANSISTOR 2SC2958 Q 2509 R 2729-109-54 TRANSISTOR 2SC295 Q 2509 R 2729-109-54 T									TRANSISTOR	2SC2785		
Q2504 8-729-178-54 TRANSISTOR 2SC2785 Q2505 8-729-178-54 TRANSISTOR 2SC2785 Q2501 1-123-359-00 ELECT 47MF 20% 50V Q2505 8-729-178-54 TRANSISTOR 2SC2785 Q2513 1-123-357-00 ELECT 47MF 20% 50V Q2506 8-729-122-02 TRANSISTOR 2SC2785 Q2514 1-123-361-00 ELECT 22MF 20% 50V Q2507 8-729-169-02 TRANSISTOR 2SC2690A Q2515 1-123-333-00 ELECT 100MF 20% 25V Q2510 8-729-195-82 TRANSISTOR 2SC2690A Q2511 8-729-195-82 TRANSISTOR 2SC2958 Q2511 8-729-101-54 TRANSISTOR 2SC2958 Q2511 1-123-360-00 ELECT 100MF 20% 50V Q2512 8-729-122-02 TRANSISTOR 2SA1220A Q2513 1-123-380-00 ELECT 100MF 5% 100V Q2512 8-729-122-02 TRANSISTOR 2SA1220A Q2513 1-123-380-00 ELECT 10% 500V Q2515 8-729-117-54 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 Q2521 1-108-849-00 MYLAR Q.1MF 10% 50V Q2516 8-729-178-54 TRANSISTOR 2SC2785 Q2521 1-108-849-00 MYLAR Q.1MF 10% 50V Q2516 8-729-178-54 TRANSISTOR 2SC2785 Q2521 1-108-637-00 MYLAR Q.1MF 10% 50V Q2516 8-729-178-54 TRANSISTOR 2SC2785 Q2524 1-106-222-00 MYLAR Q.12MF 10% 100V R2501 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-123-3351-00 ELECT Q.47MF 20% 50V R2503 1-249-429-11 CARBON 33K 5% 1/6W Q2525 1-123-351-00 ELECT Q.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-123-351-00 ELECT Q.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON						50V	Q2502	8-729-178-54	TRANSISTOR	2SC2785		
C2511 1-123-359-00 ELECT	C 2510	1-123-356-00	ELECT	10MF	20%	50V	Q2503	8-729-178-54	TRANSISTOR	2SC2785		
C2512 1-123-359-00 ELECT							Q2504	8-729-178-54	TRANSISTOR	2SC2785		
C2513 1-123-357-00 ELECT 22MF 20% 50V Q2506 8-729-122-02 TRANSISTOR 2SA1220A C2514 1-123-361-00 ELECT 220MF 20% 50V Q2507 8-729-169-02 TRANSISTOR 2SC2690A C2515 1-123-333-00 ELECT 100MF 20% 25V Q2510 8-729-195-82 TRANSISTOR 2SC2958 Q2511 A8-729-101-54 TRANSISTOR 2SA1175TP-F Q2512 8-729-101-54 TRANSISTOR 2SA1220A Q2514 1-129-701-00 FILM 0.01MF 5% 100V Q2512 8-729-122-02 TRANSISTOR 2SA1220A Q2518 1-102-231-11 CERAMIC 47PF 10% 500V Q2515 8-729-117-54 TRANSISTOR 2SA1175 Q2512 1-123-338-00 ELECT 1MF 20% 50V Q2516 8-729-178-54 TRANSISTOR 2SC2785 Q2511 1-108-849-00 MYLAR 0.1MF 10% 50V Q2516 8-729-178-54 TRANSISTOR 2SC2785 Q2511 1-108-849-00 MYLAR 0.082MF 10% 100V R2501 1-249-435-11 CARBON 33K 5% 1/6W Q2524 1-106-222-00 MYLAR 0.12MF 10% 100V R2502 1-249-429-11 CARBON 33K 5% 1/6W Q2525 1-123-3351-00 ELECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-123-351-00 ELECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-123-351-00 ELECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-123-351-00 ELECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-123-351-00 ELECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-123-351-00 ELECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W Q2525 1-249-435-11 CARBON 33K 5% 1/					20%	50V	Q2505	8-729-178-54	TRANSISTOR	2SC2785		
C 2514 1-123-361-00			ELECT	47MF	20%	50V						
C 2515 1-123-333-00 E LECT 100MF 20% 25V Q 2510 8-729-195-82 TRANSISTOR 2SC2958 Q 2511 A8-729-101-54 TRANSISTOR 2SC1958 Q 2511 A8-729-101-54 TRANSISTOR 2SA1175TP-F Q 2517 1-129-701-00 F1 M 0.01MF 5% 100V Q 2512 8-729-122-02 TRANSISTOR 2SA1220A Q 2518 1-102-231-11 CERAMIC 47PF 10% 500V Q 2515 8-729-117-54 TRANSISTOR 2SA1175 Q 2520 1-123-380-00 E LECT 1MF 20% 50V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2521 1-108-849-00 MYLAR 0.1MF 10% 50V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2521 1-108-849-00 MYLAR 0.1MF 10% 50V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2521 1-108-849-00 MYLAR 0.1MF 10% 50V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2521 1-108-849-00 MYLAR 0.1MF 10% 50V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2521 1-108-849-00 MYLAR 0.1MF 10% 50V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2521 1-123-332-00 E LECT 47MF 20% 25V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2521 1-108-849-00 MYLAR 0.1MF 10% 50V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2521 1-108-849-00 MYLAR 0.1MF 10% 50V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2521 1-108-849-00 MYLAR 0.1MF 10% 50V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2521 1-108-849-00 MYLAR 0.1MF 10% 50V Q 2516 8-729-178-54 TRANSISTOR 2SC2785 Q 2516 8-729-178-54 TRANSISTOR 2SC	C2513	1-123-357-00	E'_ECT	22MF	20%	50V	Q2506	8-729-122-02	TRANSISTOR	2SA1220A		
C2516 1-123-360-00 ELECT 100MF 20% 50V Q2512 8-729-122-02 TRANSISTOR 2SA1175TP-F C2517 1-129-701-00 FILM 0.01MF 5% 100V C2518 1-102-231-11 CERAMIC 47PF 10% 500V Q2515 8-729-117-54 TRANSISTOR 2SA1175 C2520 1-123-380-00 ELECT 1MF 20% 50V Q2516 8-729-178-54 TRANSISTOR 2SC2785 C2521 1-108-849-00 MYLAR 0.1MF 10% 50V C2522 1-123-332-00 ELECT 47MF 20% 25V C2523 1-108-637-00 MYLAR 0.082MF 10% 100V R2501 1-249-435-11 CARBON 33K 5% 1/6W C2524 1-106-222-00 MYLAR 0.12MF 10% 100V R2502 1-249-429-11 CARBON 10K 5% 1/6W C2525 1-123-3351-00 ELECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W				220MF	20%	50V	Q2507	8-729-169-02	TRANSISTOR	2SC2690A		
C 2516 1-123-360-00	C 2515	1-123-333-00	E'_ECT	100MF	20%	25V			TRANSISTOR	2SC2958		
C 2516 1-123-360-00							Q2511	18-729-101-54	TRANSISTOR	2SA1175TP	-F	
C 2518 1-102-231-11 CERAMIC 47PF 10% 500V 02515 8-729-117-54 TRANSISTOR 2SA1175 C2520 1-123-380-00 ELECT 1MF 20% 50V 02516 8-729-178-54 TRANSISTOR 2SC2785 C2521 1-108-849-00 MYLAR 0.1MF 10% 50V RESISTOR C2522 1-123-332-00 ELECT 47MF 20% 25V C2523 1-108-637-00 MYLAR 0.082MF 10% 100V R2501 1-249-435-11 CARBON 33K 5% 1/6W C2524 1-106-222-00 MYLAR 0.12MF 10% 100V R2502 1-249-429-11 CARBON 10K 5% 1/6W C2525 1-123-351-00 ELECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W			ELECT	100MF	20%	50V	Q2512	8-729-122-02				
C 2520 1-123-380-00 ELECT 1MF 20% 50V Q2516 8-729-178-54 TRANSISTOR 2SC2785 C 2521 1-108-849-00 MYLAR 0.1MF 10% 50V RESISTOR C 2522 1-123-332-00 ELECT 47MF 20% 25V RESISTOR C 2524 1-108-637-00 MYLAR 0.082MF 10% 100V R2501 1-249-435-11 CARBON 33K 5% 1/6W C 2524 1-106-222-00 MYLAR 0.12MF 10% 100V R2502 1-249-429-11 CARBON 10K 5% 1/6W C 2525 1-123-351-00 ELECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W			FI'_M		5%	100V						
C2520 1-123-380-00 E'LECT 1MF 20% 50V Q2516 8-729-178-54 TRANSISTOR 2SC2785 C2521 1-108-849-00 MYLAR 0.1MF 10% 50V RESISTOR C2522 1-123-332-00 E'LECT 47MF 20% 25V RESISTOR 2SC2785 C2523 1-108-637-00 MYLAR 0.082MF 10% 100V R2501 1-249-435-11 CARBON 33K 5% 1/6W C2524 1-106-222-00 MYLAR 0.12MF 10% 100V R2502 1-249-429-11 CARBON 10K 5% 1/6W C2525 1-123-351-00 E'LECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W			CERAMIC	47PF	10%	500V	02515	8-729-117-54	TRANSISTOR	2SA1175		
C2521 1-108-849-00 MYLAR 0.1MF 10% 50V RESISTOR C2522 1-123-332-00 E'LECT 47MF 20% 25V C2523 1-108-637-00 MYLAR 0.082MF 10% 100V R2501 1-249-435-11 CARBON 33K 5% 1/6W C2524 1-106-222-00 MYLAR 0.12MF 10% 100V R2502 1-249-429-11 CARBON 10K 5% 1/6W C2525 1-123-351-00 E'LECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W			ELECT	1MF	20%	50V	Q2516	8-729-178-54	TRANSISTOR	2SC2785		
C2522 1-123-332-00 E'LECT	C 2521	1-108-849-00	MYLAR	0.1MF	10%	50V	1					
C 2523 1-108-637-00 MYLAR 0.082MF 10% 100V R 2501 1-249-435-11 CARBON 33K 5% 1/6W C 2524 1-106-222-00 MYLAR 0.12MF 10% 100V R 2502 1-249-429-11 CARBON 10K 5% 1/6W C 2525 1-123-351-00 ELECT 0.47MF 20% 50V R 2503 1-249-435-11 CARBON 33K 5% 1/6W	0.2522	1_123_332_00	FIECT	47MF	20%	25V	l I	RES	SISTOR			
C 2524 1-106-222-00 MY_AR 0.12MF 10% 100V R 2502 1-249-429-11 CARBON 10K 5% 1/6W C 2525 1-123-351-00 ELECT 0.47MF 20% 50V R 2503 1-249-435-11 CARBON 33K 5% 1/6W							I p2E01	1 240 425 11	CADDOM	221/	EW 1/01	
C2525 1-123-351-00 ELECT 0.47MF 20% 50V R2503 1-249-435-11 CARBON 33K 5% 1/6W												
COFOC 1 100 COA 01 MW AD 0 CATUE												
2555 1-100-034-01 LILLAR 0.04/HL 10% 100% K5004 1-549-459-11 CARBON 10K 5% 1/6M												
	0 2020	1-100-034-01	- III JAK	0.04/196	10%	TOOA	1 KZ5U4	1-249-429-11	CAKRON	TOK	J% 1/6W	

T.C. Corp 10 North Main St Wharton NJ 07885 www.servicemanuals.net The components identified by shading and mark Are critical for safety.

Replace only with part number specified.



Ref.No. Part No.	Description		Remark	Ref.No. Part No.	Description	Remark
R2505 1-249-420-11 R2506 1-249-429-11	CARBON 10		1/6W 1/6W	R2566 1-247-815-00 R2567 1-249-421-11	CARBON 220 5% CARBON 2.2K 5%	1/6W 1/6W
R2507 1-249-437-11 R2508 1-249-437-11 R2509 1-247-833-00	CARBON 47 CARBON 47 CARBON 1.		1/6W 1/6W	VAR	IABLE RESISTOR	
R2510 1-247-873-00	CARBON 56		1/6W	RV 2501 1-228-727-00 RV 2502 1-228-727-00	RES, ADJ, CERAMIC CARBON	
R2511 1-247-875-00 R2512 1-249-429-11	CARBON 68 CARBON 10	3K 5%	1/6W 1/6W	RV2502 1-228-727-00 RV2503 1-228-727-00 RV2504 1-228-724-00	RES, ADJ, CERAMIC CARBON RES, ADJ, CERAMIC CARBON	47K
R2513 1-249-417-11 R2514 1-246-449-75	CARBON 1K	5%	1/6W 1/4W		RES, ADJ, CERAMIC CARBON RES, ADJ, CERAMIC CARBON	10K 10K
R2515 1-247-875-00	CARBON 68		1/6W	TRA	NSFORMER	
R2515 1-247-875-00 R2516 1-249-425-11 R2517 1-247-875-00		7K 5%	1/6W 1/6W	T2501 1-407-849-00	TRANSFORMER, D.F	
R2518 1-247-875-00 R2519 1-249-437-11	CARBON 68 CARBON 47	3K 5%	1/6W 1/6W	*******	*******	
R2520 1-249-421-11		2K 5%	1/6W	*A-1345-688-A	D BOARD, COMP'_ETE	
R2521 1-247-875-00 R2522 1-247-857-00	CARBON 68 CARBON 12	3K 5%	1/6W 1/6W	i I CAP	ACITOR	
R2523 1-249-423-11 R2524 1-247-849-00		.3K 5%	1/6W 1/6W	C501 1-123-380-00	ELECT 1MF	20% 50V
				C502 1-108-622-91	MY'_AR 0.0047MF	10% 100V
R2525 1-247-849-00 R2526 1-249-423-11		.6K 5%	1/6W 1/6W	C503	MY'_AR	10% 100V 20% 16V
R2527 1-249-433-11 R2528 1-249-425-11	CARBON 22 CARBON 4.	2K 5% .7K 5%	1/6W 1/6W	C505 1-123-379-00	ELECT 0.47MF	20% 50V
R2529 1-249-433-11	CARBON 22		1/6W	C506 1-123-318-00 C507 1-123-379-00	ELECT 33MF ELECT 0.47MF	20% 16V 20% 50V
R2530 1-249-423-11		3K 5%	1/6W	C508	FILM 0.47MF	5% 50V
R2531 1-249-401-11 R2532 1-249-401-11	CARBON 47 CARBON 47	5%	1/6W F 1/6W F	C509	ELECT 22MF FILM 0.047MF	20% 50V 5% 50V
R2533 <u>A</u> 1-249-399-51 R2534 1-249-429-11	CARBON 33 CARBON 10		1/4W F 1/6W	C514 1-124-609-11	ELECT 470MF	10% 50V
R2540 1-249-434-11	CARBON 27	′K 5%	1/6W	C515	E'_ECT 22MF E'_ECT 470MF	10% 50V 20% 25V
R2541 1-247-883-00	CARBON 15	50K 5%	1/6W	C520 1-102-244-00	CERAMIC 220PF	10% 500V
R2542 1-216-426-11 R2543 1-216-421-11	METAL OXIDE 82 METAL OXIDE 12		1W F 1W F	C521 A 1-123-364-51	ELECT 1000MF	20% 50V
R2544 1-215-884-51	METAL OXIDE 47	5%	2W F	C522 ▲ 1-123-875-91		20% 50V
R2545 1-249-421-11	CARBON 2.	2K 5%	1/6W	C523	MY'_AR	10% 200V 10% 200V
R2546 1-247-706-11	CARBON 33		1/4W	C525 1-102-244-00	CERAMIC 220PF	10% 500V
R2547 1-249-435-11	CARBON 33		1/6W	C526 1-123-931-00	E'_ECT 3.3MF	20% 160V
R2548 1-247-875-00	CARBON 68		1/6W	0507 1 100 604 01	WW 45 0 015W5	10% 2004
R2549 1-247-895-00	CARBON 47	OK 5%	1/6W	C527	MY'_AR 0.015MF CERAMIC 0.001MF	10% 200V 10% 500V
R2550 1-249-429-11	CARBON 10	K 5%	1/6W	C531	ELECT 0.47MF	20% 50V
R2554 1-247-895-00		OK 5%	1/6W	C535 1-123-381-00	E'LECT 2.2MF	20% 50V
R2555 1-247-845-00		9K 5%	1/6W	C536 1-123-381-00	ELECT 2.2MF	20% 50V
R2556 1-249-425-11		7K 5%	1/6W	CE27 1 126 172 00	ETI M 0 47MF	E% E04
R2557 1-249-429-11	CARBON 10	K 5%	1/6W	C537	FI'_M 0.47MF E'_ECT 100MF	5% 50V 20% 25V
R2558 1-249-425-11	CARBON 4.	7K 5%	1/6W	C539 1-123-380-00	ELECT 1MF	20% 50V
R2559 1-249-433-11	CARBON 22	2K 5%	1/6W	C540 1-123-369-00	ELECT 4.7MF	20% 25V
R2560 1-247-857-00	CARBON 12		1/6W	C541 1-123-369-00	E'_ECT 4.7MF	20% 25V
R2561 1-249-429-11 R2562 1-247-704-11	CARBON 10 CARBON 22		1/6W 1/4W	C542 1-123-381-00	ELECT 2.2MF	20% 50V
1-24/-/04-11	CARDON 22	.0 3%	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C543	E'_ECT 22MF	20% 16V
R2563 1-249-425-11	CARBON 4.	7K 5%	1/6W	C544 1-123-369-00	E'_ECT 4.7MF	20% 50V
R2564 1-249-437-11	CARBON 47	′K 5%	1/6W	C545 1-123-330-00	ELECT 22MF	20% 25V
R2565 1-249-441-11	CARBON 10	OK 5%	1/6W	C546 1-123-381-00	ELECT 2.2MF	20% 50V

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Ref.No.	Part No.	Description			Remark	Ref.No.	. Part No.	Description			Remark
0547	1 100 200 00	FLECT	10045	200	254	1 01550	1 100 000 00				
C 547		ELECT	100MF	20%	25V	C1558		E'_ECT	22MF	20%	16V
C 548	1-123-321-00	ELECT	220MF	20%	16V	C1559	1-123-351-00	E'_ECT	0.47MF	20%	50V
C 551	1-123-357-00	ELECT	22MF	20%	50V	C1560		ELECT	0.47MF	20%	50V
C 552	1-123-356-00	ELECT	10MF	20%	50V		1-106-220-00	MY'_AR	0.1MF	10%	100V
C 555	1-123-379-00	ELECT	0.47MF	20%	50V	C1566/	A, 1-162-115-51	CERAMIC	330PF	10%	2KV
C556	1-136-173-00	ETIM	0.47MF	5%	50V	1 (1567)	A 1 162 124 F1	CEDANIC	47005	100	
C 557	1-123-608-00	ELECT	0.22MF	20%			1-162-134-51	CERAMIC	470PF	10%	2KV
	1-108-634-81				50V		1-130-706-11	FI'_M	0.008MF	3%	1.6KV
		MY'_AR	0.047MF	10%	100V		1-129-747-11	FILM	0.047MF	10%	400V
C1502 C1503	1-106-220-00	MY'_AR	0.1MF	10%	100V		1-129-751-00	FI'_M	0.1MF	20%	400V
(1303	1-106-200-00	MYLAR	0.015MF	10%	100V	1 (15/1	1-102-030-00	CERAMIC	330PF	10%	500V
C1504	1-123-330-00	ELECT	22MF	20%	16V	C1572	1-123-321-00	ELECT	220MF	20%	16V
C1505	1-108-630-91	MYLAR	0.022MF	10%	100V	I C1576		ELECT	47MF	20%	25V
C1506	1-123-381-00	ELECT	2.2MF	20%	50V	I C1577		E'_ECT	33MF	20%	16V
C1507	1-123-332-00	ELECT	47MF	20%	25V	C1578		MY'_AR	0.022MF	10%	100V
C1508	1-130-868-00	FI'_M	0.0056MF	5%	50V	C1579		MY'_AR	0.1MF	10%	100V
C1509	1 122 260 00	FLECT	A 784E	200	254	1 61505	1 102 257 00	F: F07	22115	0.00-4	
	1-123-369-00		4.7MF	20%	25V	C1585		E'_ECT	22MF	20%	50V
C1510	1-102-820-00	CERAMIC	330PF	5%	50V	C1586		MY'_AR	0.0039MF	10%	100V
C1511	1-123-321-00	ELECT	220MF	20%	16V	C1587		TANTAL UM	4.7MF	10%	35V
C1512	1-123-379-00	E'_ECT	0.47MF	20%	50V	C1591	1-124-657-00	E'_ECT	10MF	20%	50V
C1513	1-108-634-81	MYLAR	0.047MF	10%	100V	C1592	1-106-367-00	MYLAR	0.01MF	10%	200V
C1520	1-102-125-00	CERAMIC	0.0047MF	10%	50V		CON	INECTOR			
	1-108-631-81	MYLAR	0.027MF	10%	100v	ì	001	INCCTOR			
		ELECT	100MF	20%	25V	D1	+1 500 766 00	AD DULLO (M)			
C1523	1-102-978-00						*1-508-766-00	4P PLUG (M)			
		CERAMIC	220PF	5%	50V	D2	*1-566-054-11	PIN, CONNECT			
C1524	1-108-704-61	MY'_AR	0.1MF	10%	200V	D3 D4	*1-566-054-11 *1-508-765-00	PIN, CONNECT 3P PLUG (M)	TOR 2P		
C1525	1-162-117-00	CERAMIC	100PF	10%	500V	I D5	*1-506-348-XX	4P P'_UG			
	1-102-157-00	CERAMIC	560 PF	10%	500V	1	1-300-340 AA	41 1.00			
	1-102-038-00	CERAMIC	0.001MF	10%	500V	D6	*1-508-767-00	5P PLUG			
	1-108-698-61	MYLAR	0.033MF	10%	200V	I D7	*1-566-056-11		00 40		
	1-102-820-00	CERAMIC	330PF	5%	50V	D8		PIN, CONNECT	UR 4P		
01323	1-102-020-00	CERAPITO	33011	3 /6	30 V	1 D9	*1-508-765-00 *1-508-765-00	3P PLUG (M) 3P PLUG (M)			
C1530	1-123-361-00	ELECT	220MF	20%	50V	D10	*1-508-768-00	6P PLUG			
	1-125-294-11	ELECT(BLOCK)	560MF	20%	160V	4	-1-300-700-00	OP PLUG			
	1-124-006-11	E'_ECT	10MF	20%	25V	D11	+1 500 700 00	CD D 110			
	.1-162-115-51	CERAMIC					*1-508-768-00	6P P_UG	20 20		
			330PF	10%	2KV	D12	*1-566-055-11	PIN, CONNECT			
C1334(i)	,1-136-330-11	FILM	0.014MF	3%	1.6KV	D15	*1-566-058-11	PIN, CONNECT	OR 6P		
C1535	1-129-953-00	FILM	0.068MF	20%	1.5KV	i	DIO	DE			
C1536	1-123-333-00	ELECT	100MF	20%	16V			DOL			
C1537	1-123-333-00	ELECT	100MF	20%	16V	D501	8-719-815-55	DI ODE 151555	5		
C1539A	.1-102-228-11	CERAMIC	470PF	10%	500V	D502	8-719-920-02	DIODE ERB12-			
	1-162-115-00	CERAMIC	330PF	10%	2KV	I D503	8-719-300-76	DIODE RHIA	0.0		
		0		20,0	2.14	D504	8-719-300-76	DIODE RHIA			
C1541	1-108-630-91	MYLAR	0.022MF	10%	100V	D506	8-719-920-02	DIODE ERB12-	0.2		
	1-136-179-00	FILM	1.5MF	5%	200V	1 0300	0-713-320-02	DIOUE ERBIZ-	-02		
	1-102-820-00	CERAMIC	330PF	5%	50V	D508	9 710 110 24	DIONE DOLLAR	. D		
	1-136-328-11		1MF				8-719-110-34	DIODE RD13ES			
	1-102-129-00	FILM		5%	400V	D510	8-719-109-88				
01349	1-102-129-00	CERAMIC	0.01MF	10%	50 v	D513	8-719-110-38 8-719-000-12	DIODE RD15ES	5 – B		
C1550	1-102-973-00	CERAMIC	100PF	5%	50V	D515	8-719-000-12	DIODE MC 931 DIODE MC 931			
	1-102-030-00	CERAMIC	330PF	10%	500V	1 0310	5-719-000-12	DIOUT LICENI			
C1552	1-106-196-00	MYLAR	0.01MF			I DE17	0 710 110 00	DIODE BRAKE	D		
C1553	1-123-379-00			10%	100V	D517	8-719-110-60	DIODE RD24ES			
		ELECT	0.47MF	20%	50V	D520	8-719-190-00	DIODE RD24E-			
C1554	1-106-196-00	MYLAR	0.01MF	10%	100V	D521	8-719-815-55	DIODE 151555			
01555	1 100 110 00	OFDANZS	20005	16	50.	D522	8-719-120-78	DIODE RD6.28			
C1555	1-102-110-00	CERAMIC	220PF	10%	50V	D1502	8-719-815-55	DIODE 151555)		
C1556	1-123-333-00	ELECT	100MF	20%	25V	1					
C1557	1-108-622-91	MY'_AR	0.0047MF	10%	100V	D1503	8-719-110-38	DIODE RD15ES	5-B		

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Ref.No. Part No.	<u>Description</u> <u>Remark</u>	Ref.No. Part No.	Description	Remark
D1508 8-719-815-55	DIODE 151555	Q503 8-729-117-54	TRANSISTOR 2SA1175	
D1509 8-719-920-02	DIODE ERB12-02	Q505 8-729-117-54	TRANSISTOR 2SA1175	
D1510 A 8-719-300-74 D1511 8-719-300-76	DIODE RH-1 DIODE RH1A	Q506	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	
D1512 8-719-300-76	DIODE RHIA	0510 8-729-195-92	TRANSISTOR 2SC2959-L	
D1513 8-719-901-19	DIODE VIIN	Q511 A.8-729-122-02	TRANSISTOR 2SA1220A-Q	e francisco de la companya de la companya de la companya de la companya de la companya de la companya de la co
D1515 A 8-719-938-40	DIODE S1B01-02TP1	Q512 A. 8-729-169-02	TRANSISTOR 2SC2690A-Q	
01516 8-719-903-09	DIODE V30N	Q515 8-729-117-54	TRANSISTOR 2SA1175	
D1517AA, 8-719-906-15 D1517BA, 8-719-906-15	DIODE ERC26-15S DIODE ERC26-15S	Q516	TRANSISTOR 2SD774 TRANSISTOR 2SC2785	
			TRANS1310R 2302703	
D1518AA, 8-719-928-08 D1518BA, 8-719-928-08	DIODE ERD28-08S	Q519 8-729-178-54	TRANSISTOR 2SC2785	
D1525 8-719-815-55	DIODE 181555	Q520 8-729-178-54 Q522 8-729-117-54	TRANSISTOR 2SC2785 TRANSISTOR 2SA1175	
D1527 8-719-300-76		Q523 8-729-117-54	TRANSISTOR 2SA1175	
D1528 8-719-926-16	DIODE ERC26-15SA	Q1501 8-729-117-54	TRANSISTOR 2SA1175	
D1529 8-719-300-76	DIODE RH1A	01503 8-729-203-81	TRANSISTOR 2SC2238B	
D1530 8-719-300-76 D1531 8-719-300-38	DIODE RHIA DIODE GU-3A	Q1504 <u>A</u> 8-729-301-74	TRANSISTOR 2SD1497-04	
D1535 8-719-110-60	DIODE RD24ES-B	4-374-410-01 *4-374-413-01	SPACER, MICA; Q1504 RETAINER (A), TR; Q1504	
D1536 8-719-102-65	DIODE RD4. 7E-N2	01505 8-729-177-43	TRANSISTOR 2SD774	63-11
D1537 8-719-102-74	DIODE RD6.2E-N2	1 01506 8-729-374-02	TRANSISTOR 2SB740	
D1538 8-719-815-55	DIODE 1S1555	Q1507 8-726-400-02	THYRISTOR SG-264A	
D1540 8-719-102-71	DIODE RD5.6E-N2	3-703-320-00	BUSHING (A), TRANSISTOR	
IC		4-303-844-00 +4-309-762-00	SPACER, MICA (4) MD-17; RETAINER (MD-17), TRANS	
IC501 A8-759-178-12	IC UPC78L12	1 01508 1 8-729-301-74	TRANSISTOR 2SD1497-04	sign que marena en la la
IC503 8-759-178-12	IC UPC 78'_12	4-374-410-01	SPACER, MICA; Q1508	
IC504 8-759-700-08	IC NJM4558S	*4-374-413-01		3
IC1501 8-759-100-60 IC1502 8-759-700-08	IC UPC1377C IC NJM4558S	Q1511 8-729-374-02 Q1512 8-729-117-54	TRANSISTOR 2SB740 TRANSISTOR 2SA1175	
101502 0 750 700 00		1		
IC1503 8-759-700-08	IC NJM45585	Q1513 8-729-178-54 Q1514 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	
COI	L 20 7 Se OU -C 1002-Je INU	Q1515 8-729-178-54	TRANSISTOR 2SC2785	
'_501	COIL, DYNAMIC CONVERSION CHOKE	Q1520 8-729-168-82 4-377-115-01	TRANSISTOR 2SC2688 SPACER, MICA; Q1520	
1501 1-407-364-00	COIL, SPOOK CHOKE 3.3UH	4-3//-113-01	SPACER, MICA, Q1520	
1502 1-459-215-00	CORE COIL	*4-381-170-01	HO'_DER, TR; Q1520	
1503 1-407-365-00 1504 1-407-365-00	COIL, CHOKE	I RES	SISTOR	
11506 1 407 265 00	CO II CHOVE	2048 301	TOP 1 (10.00) 11-1	1/60
1505 1-407-365-00 1506 1-459-104-00	COIL, CHOKE COIL, DUST CORE	R501 1-247-895-00 R502 1-249-429-11	CARBON 470K 5% CARBON 10K 5%	1/6W 1/6W
1507 1-407-365-00	CO I'_, CHOKE	R503 1-249-425-11		1/6W
15084, 1-421-390-11	COIL, FERRITE (PMC)	R504 1-249-429-11	CARBON 10K 5%	1/6W
1510 1-407-365-00	COIL, CHOKE	R505 1-249-421-11	CARBON 2.2K 5%	1/6W
1511 1-407-365-00	COIL, CHOKE	R506 1-249-435-11	CARBON 33K 5%	1/6W
_1012/N,1-459-308-31	COIL, HORIZONTAL LINEARITY	R507 1-247-845-00 R508 1-247-726-11	CARBON 3.9K 5% CARBON 33K 5%	1/6W 1/4W
NEC	ON LAMP	R509 1-247-853-00	CARBON 8.2K 5%	1/6W
N'_501 1-519-237-11	LAMP. NEON	R510 1-247-859-00	CARBON 15K 5%	1/6W
M_301 1-319-23/-11	LAMP, NEON	R511 1-249-432-11	CARBON 18K 5%	1/6W
TRA	NSISTOR	R512 1-247-158-00	CARBON 13K 5%	1/4W
OEO1 0 700 170 F4	TRANSISTOR OSCOZOS	R513 1-247-857-00	CARBON 12K 5%	1/6W
Q501 8-729-178-54° Q502 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	R514 1-247-873-00 R515 1-249-468-11	CARBON 56K 5% CARBON 82K 5%	1/6W 1/4W
4		, , 510 100 11	J. HOOM JA	*/ 10

The components identified by shading and mark A are critical for safety.

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ef.No	. Part No.	Description				Remark	Ref.No.	Part No.	Description				Remar
R516	1-247-713-11	CARBON	1K	5%	1/4W		R583	1-249-429-11	CARBON	10K	5%	1/6W	
R517	1-249-420-11	CARBON	1.8K	5%	1/6W		R584	1-247-873-00	CARBON	56K	5%	1/6W	
R518	1-247-721-11	CARBON	4.7K	5%	1/4W		R585	1-249-435-11	CARBON	33K	5%	1/6W	
R519	1-247-715-11	CARBON	1.5K	5%	1/4W		R586	1-247-720-11	CARBON	3.9K	5%	1/4W	
R520	1-249-429-11	CARBON	10K	5%	1/6W		R587	1-247-845-00	CARBON	3.9K	5%	1/6W	
R521	1-249-434-11	CARBON	27K	5%	1/6W		R588	1-249-441-11	CARBON	100K	5%	1/6W	
R522	1-247-873-00	CARBON	56K	5%	1/6W		R589	1-249-421-11	CARBON	2.2K	5%	1/6W	
R523	1-214-765-00	ME TAL	33K	1%	1/4W		R590	1-247-815-00	CARBON	220	5%	1/6W	
R 525	1-216-353-00	METAL OXIDE	2.2	5%	1W	F	R591	1-247-815-00	CARBON	220	5%	1/6W	
R 526	1-249-423-11	CARBON	3.3K	5%	1/6W		R593 ⚠	.1-206-753-61	METAL OXIDE	15K	5%	3W	F
2527	1-249-420-11	CARBON	1.8K	5%	1/6W		R594	1-249-460-11	CARBON	15K	5%	1/4W	
R 528	1-247-708-11	CARBON	470	5%	1/4W		R595	1-247-859-00	CARBON	15K	5%	1/6W	
R529	1-249-414-11	CARBON	560	5%	1/6W		R596	1-246-488-00	CARBON	4.3K	5%	1/4W	
R530	1-247-817-00	CARBON	270	5%	1/6W		■R597 A	. WALL THE	METAL_			1/4W	
R536 Z	1-249-393-51	CARBON	10	5%	1/4W	F	R598	1-214-749-00	ME TA'_	6.8K	1%	1/4W	
	1-249-399-51	CARBON	33	5%	1/4W	F	R599	1-214-741-00	ME TA'_	3.3K	1%	1/4W	
538	1-215-869-11	METAL OX IDE	1K	5%	1W	F	R1501	1-247-819-00	CARBON	330	5%	1/6W	
539	1-216-350-11	METAL OX IDE	1.2	5%	1W	F		1-249-422-11	CARBON	2.7K	5%	1/6W	
	1-249-405-51	CARBON	100	5%	1/4W	F	R1503	1-247-700-11	CARBON	100	5%	1/4W	
1541	1-216-350-11	METAL OXIDE	1.2	5%	1W	F	R1504	1-249-435-11	CARBON	33K	5%	1/6W	
542	1-215-865-11	METAL OX IDE	220	5%	1W	F	R1505	1-249-441-11	CARBON	100K	5%	1/6W	
	1-249-382-51	CARBON	1.2	5%	1/4W	F	R1506	1-247-894-00	CARBON	430K	5%	1/6W	
544	1-215-869-11	METAL OX IDE	1K	5%	1W	F	R1507	1-249-433-11	CARBON	22K	5%	1/6W	
546	1-247-715-11	CARBON	1.5K	5%	1/4W			1-249-429-11	CARBON	10K	5%	1/6W	
551	1-216-432-00	METAL OXIDE	820	5%	1W	F	R1509	1-249-405-11	CARBON	100	5%	1/6W	
1552	1-247-720-11	CARBON	3.9K	5%	1/4W		R1510	1-249-433-11	CARBON	22K	5%	1/6W	
	A. 1-215-891-51	METAL OXIDE	680	5%	2W	F	R1511	1-247-881-00	CARBON	120K	5%	1/6W	
R 554	1-247-721-11	CARBON	4.7K	5%	1/4W		R1512	1-249-440-11	CARBON	82K	5%	1/6W	
1557	1-247-725-11	CARBON	10K	5%	1/4W		R1513	1-249-423-11	CARBON	3.3K	5%	1/6W	
₹558	1-247-723-11	CARBON	6.8K	5%	1/4W		R1514	1-247-868-00	CARBON	36K	5%	1/6W	
3560	1-247-713-11	CARBON	1K	5%	1/4W			1-247-857-00	CARBON	12K	5%	1/6W	
2561	1-247-708-11	CARBON	470	5%	1/4W		R1518	1-249-429-11	CARBON	10K	5%	1/6W	
2562	1-247-704-11	CARBON	220	5%	1/4W			1-249-469-11	CARBON	100K	5%	1/4W	
563	1-247-704-11	CARBON	220	5%	1/4W		R1520	1-249-435-11	CARBON	3 3K	5%	1/6W	
564	1-247-725-11	CARBON	10K	5%	1/4W		R1521	1-247-701-11	CARBON	120	5%	1/4W	
565	1-249-429-11	CARBON	10K	5%	1/6W		R1522	1-247-700-11	CARBON	100	5%	1/4W	
3566	1-247-725-11	CARBON	10K	5%	1/4W		R1523	1-247-700-11	CARBON	100	5%	1/4W	
1567	1-249-429-11	CARBON	10K	5%	1/6W		R1525	1-247-723-11	CARBON	6.8K	5%	1/4W	
568	1-247-725-11 1-249-469-11	CARBON	10K 100K	5% 5%	1/4W 1/4W		R1526	1-246- 543-00 1-246-545-00	CARBON	820K	5%	1/4W	
							I KIDE!	1-240-343-00	CARBON	1M	5%	1/4W	
1570 1571	1-247-725-11 1-249-417-11	CARBON CARBON	10K 1K	5% 5%	1/4W 1/6W		R1529	1-215-918-00	METAL OX IDE	1.5K	5%	3W	F
371	1-247-725-11	CARBON	10K	5%	1/6W			1-247-700-11 1-247-713-11	CARBON	100	5%	1/4W	_
372	1-249-465-11	CARBON	47K	5%	1/4W			1-247-713-11	CARBON	1K 3.3K	5%	1/4W	F
574	1-247-885-00	CARBON	180K		1/6W			1-247-721-11		4.7K		3W 1/4W	F
2575	1-249-433-11	CARBON	22K	5%	1/6W		1						_
R576	1-249-441-11	CARBON	100K	5%	1/6W			1-216-482-11	METAL OXIDE	1.8K		3M	F
2577	1-247-885-00	CARBON	180K	5%	1/6W			1-216-388-11 1-247-697-11	METAL OX IDE	0.82		3W	F
R578	1-249-441-11	CARBON	100K	5%	1/6W			1-247-097-11	CARBON	56 4.7	5% 5%	1/4W	F
1579	1-247-845-00	CARBON	3.9K	5%	1/6W			1-249-389-51	CARBON	4.7	5%	1/4W	
R 580	1-249-423-11	CARBON	3.3K	5%	1/6W		R1539 A	1-216-434-51	METAL OX IDE	1.8K	5%	1W	F
	1-247-723-11	CARBON	6.8K	5%	1/4W		The state of the s	1-215-915-51	ME TA'_ OX IDE	470	5%	3W	Floor
3581									METAL OX IDE				

 The components identified by in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used. The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

D H4 H6 H5 UA

Part No. Description Remark Ref.No. Part No. Description -215-880-00	Remar
1-215-871-11 METAL OXIDE 2.2K 5% 1W F RV506 1-228-728-00 RES, ADJ, CERAMIC CARBON 100K A1-216-448-51 METAL OXIDE 39 5% 2W F RV507 1-228-725-00 RES, ADJ, CERAMIC CARBON 22K 1-247-693-11 CARBON 27 5% 1/4W RV508 1-228-724-00 RES, ADJ, CERAMIC CARBON 10K A1-216-373-91 METAL OXIDE 2.2 5% 2W F RV1501 1-228-723-00 RES, ADJ, CERAMIC CARBON 10K 1-249-382-11 CARBON 1.2 5% 1/6W F RV1503 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-382-11 CARBON 1.2 5% 1/6W F RV1505 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-448-11 CARBON 1.2 5% 1/4W F RV1505 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-448-11 CARBON 10K 5% 1/4W RV1506 1-228-727-00 RES, ADJ, CERAMIC CARBON 47K 1-249-425-11 CARBON 4.7K 5% 1/6W F RV1506 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-425-11 CARBON 4.7K 5% 1/6W RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-425-11 CARBON 4.7K 5% 1/6W I SG1501 1-519-063-XX DISCHARGING GAP 1-249-429-11 CARBON 10K 5% 1/6W I T1501 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE 1-249-417-11 CARBON 1K 5% 1/6W I T1502 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE 1-249-417-11 CARBON 1K 5% 1/6W I T1502 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE	
\$\langle \frac{\text{A1-216-448-51}}{1-247-693-11} \text{CARBON} \frac{27}{5\%} \text{F} \text{RV507} \text{L28-725-00} \text{RES, ADJ, CERAMIC CARBON 22K} \\ \text{A1-216-373-91} \text{METAL OXIDE} \text{S} \text{V}	
1-247-693-11 CARBON 27 5% 1/4W RV508 1-228-724-00 RES, ADJ, CERAMIC CARBON 10K A1-216-373-91 METAL OXIDE 2.2 5% 2W F RV1501 1-228-723-00 RES, ADJ, CERAMIC CARBON 4.7K RV1501 1-228-723-00 RES, ADJ, CERAMIC CARBON 10K RV1503 1-228-720-00 RES, ADJ, CERAMIC CARBON 1 RV1503 1-228-720-00 RES, ADJ, CERAMIC CARBON 1 RV1505 1-228-720-00 RES, ADJ, CERAMIC CARBON 1 RV1505 1-228-720-00 RES, ADJ, CERAMIC CARBON 1 RV1506 1-228-727-00 RES, ADJ, CERAMIC CARBON 1 RV1506 1-228-727-00 RES, ADJ, CERAMIC CARBON 1 RV1506 1-228-727-00 RES, ADJ, CERAMIC CARBON 1 RV1506 1-228-720-00 RES, ADJ, CERAMIC CARBON 1 RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON	
## A1-216-373-91 METAL OXIDE 2.2 5% 2W F RV1501 1-228-723-00 RES, ADJ, CERAMIC CARBON 4.7K 1-247-697-11 CARBON	
1-247-697-11 CARBON 56 5% 1/4W RV1503 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-382-11 CARBON 1.2 5% 1/6W F RV1505 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-448-11 CARBON 1.2 5% 1/4W F RV1506 1-228-727-00 RES, ADJ, CERAMIC CARBON 1K 1-247-725-11 CARBON 10K 5% 1/4W RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 47K 1-249-425-11 CARBON 4.7K 5% 1/6W RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-425-11 CARBON 4.7K 5% 1/6W SPARK GAP 1-247-817-00 CARBON 270 5% 1/6W SG1501 1-519-063-XX DISCHARGING GAP 1-249-425-11 CARBON 4.7K 5% 1/6W SG1501 1-519-063-XX DISCHARGING GAP 1-249-425-11 CARBON 10K 5% 1/6W TRANSFORMER 1-249-425-11 CARBON 4.7K 5% 1/6W T1501 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE 1-249-417-11 CARBON 1K 5% 1/6W T1502 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE	
1-249-382-11 CARBON 1.2 5% 1/6W F RV1505 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-448-11 CARBON 1.2 5% 1/4W F RV1506 1-228-727-00 RES, ADJ, CERAMIC CARBON 47K 1-247-725-11 CARBON 10K 5% 1/4W RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-425-11 CARBON 4.7K 5% 1/6W SPARK GAP 1-247-817-00 CARBON 270 5% 1/6W SPARK GAP 1-249-465-11 CARBON 47K 5% 1/6W SG1501 1-519-063-XX DISCHARGING GAP 1-249-425-11 CARBON 10K 5% 1/6W TRANSFORMER 1-249-429-11 CARBON 10K 5% 1/6W TRANSFORMER 1-249-425-11 CARBON 4.7K 5% 1/6W TI501 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE 1-249-417-11 CARBON 1K 5% 1/6W TI502 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE 1-249-417-11 CARBON 1K 5% 1/6W TI502 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE	
1-249-448-11 CARBON 1.2 5% 1/4W F RV1506 1-228-727-00 RES, ADJ, CERAMIC CARBON 47K RV1506 1-228-727-00 RES, ADJ, CERAMIC CARBON 47K RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K SPARK GAP 1-247-817-00 CARBON 270 5% 1/6W SG1501 1-519-063-XX DISCHARGING GAP 1-249-465-11 CARBON 4.7K 5% 1/6W SG1501 1-519-063-XX DISCHARGING GAP 1-249-429-11 CARBON 10K 5% 1/6W TRANSFORMER 1-249-425-11 CARBON 4.7K 5% 1/6W TI501 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE 1-249-417-11 CARBON 1K 5% 1/6W TI502 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE	
1-247-725-11 CARBON 10K 5% 1/4W RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K 1-249-425-11 CARBON 270 5% 1/6W S1-249-465-11 CARBON 47K 5% 1/4W SG1501 1-519-063-XX DISCHARGING GAP 1-249-425-11 CARBON 4.7K 5% 1/6W S1-249-425-11 CARBON 10K 5% 1/6W S1-249-425-11 CARBON 4.7K 5% 1/6W S1-249-425-11 CARBON 4.7K 5% 1/6W S1-249-425-11 CARBON 4.7K 5% 1/6W S1-249-425-11 CARBON 4.7K 5% 1/6W S1-249-425-11 CARBON 4.7K 5% 1/6W S1-249-425-11 CARBON 4.7K 5% 1/6W S1-249-425-11 CARBON 4.7K 5% 1/6W S1-249-425-11 CARBON 4.7K 5% 1/6W S1-249-425-11 CARBON 1K	
1-247-817-00 CARBON	
1-247-817-00 CARBON 270 5% 1/6W SG1501 1-519-063-XX DISCHARGING GAP 1-249-425-11 CARBON 4.7K 5% 1/6W SG1501 1-519-063-XX DISCHARGING GAP 1-249-429-11 CARBON 10K 5% 1/6W TRANSFORMER 1-249-425-11 CARBON 4.7K 5% 1/6W TI501 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE 1-249-417-11 CARBON 1K 5% 1/6W T1502 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE	
1-247-817-00 CARBON 270 5% 1/6W	
1-249-425-11 CARBON	
1-249-429-11 CARBON 10K 5% 1/6W TRANSFORMER 1-249-425-11 CARBON 4.7K 5% 1/6W TISOL 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE 1-249-417-11 CARBON 1K 5% 1/6W TISOL 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE	
1-249-425-11 CARBON 4.7K 5% 1/6W T1501 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE 1-249-417-11 CARBON 1K 5% 1/6W T1502 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE	
1-249-417-11 CARBON 1K 5% 1/6W T1501 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE	
1-249-417-11 CARBON 1K 5% 1/6W T1502 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE	
1-214-746-00 METAL 5.1K 1% 1/4W T1513A.1-421-388-11 LOT	
1-247-713-11 CARBON 1K 5% 1/4W	
1-247-718-11 CARBON 2.7K 5% 1/4W ***********************************	******
1-249-405-11 CARBON 100 5% 1/6W F *1-620-767-11 H4 BOARD	
1-249-433-11 CARBON 22K 5% 1/6W *******	
1-247-875-00 CARBON 68K 5% 1/6W	
1-249-435-11 CARBON 33K 5% 1/6W *1-566-063-11 PIN, CONNECTOR 11P	
1-247-713-11 CARBON 1K 5% 1/4W	*****
↑ 1-249-448-51 CARBON 1.2 5% 1/4W F	
↑1-249-448-51 CARBON 1.2 5% 1/4W F *1-620-768-11 H6 BOARD	
1-249-382-51 CARBON 1.2 5% 1/4W F *******	
1-216-424-11 METAL OXIDE 39 5% 1W F 1-249-382-11 CARBON 1.2 5% 1/6W F *1-566-054-11 PIN, CONNECTOR 2P	
*1-566-056-11 PIN, CONNECTOR 4P	
1-215-869-11 METAL OXIDE 1K 5% 1W F *1-566-059-11 PIN, CONNECTOR 7P	
1-249-425-11 CARBON 4.7K 5% 1/6W *1-566-060-11 PIN, CONNECTOR 8P	
1-202-723-00 SOLID 2.2M 10% 1/2W *1-566-062-11 PIN, CONNECTOR 10P	
1-247-718-11 CARBON 2.7K 5% 1/4W	
1-247-875-00 CARBON 68K 5% 1/6W ************************************	*****
1-249-441-11 CARBON 100K 5% 1/6W *1-620-766-11 H5 BOARD	
1-249-429-11 CARBON 10K 5% 1/6W *******	
1-247-851-00 CARBON 6.8K 5% 1/6W	
1-249-421-11 CARBON 2.2K 5% 1/6W *1-566-054-11 PIN, CONNECTOR 2P 1-247-713-11 CARBON 1K 5% 1/4W *1-566-056-11 PIN, CONNECTOR 4P	
1-247-713-11 CARBON 1K 5% 1/4W *1-566-056-11 PIN, CONNECTOR 4P	
1-215-872-11 METAL OXIDE 3.3K 5% 1W F SWITCH	
1-247-726-11 CARBON 33K 5% 1/4W 1.247-726-11 CARBON 33K 5% 1/4W 1.5001 1.570.145-11 CHITCH SUITE	
1-247-726-11 CARBON 33K 5% 1/4W S981 1-570-145-11 SWITCH, S'_IDE 1-214-779-00 METAL 120K 1% 1/4W S982 1-570-145-11 SWITCH, S'_IDE	
1-214-779-00 METAL 120K 1% 1/4W S982 1-570-145-11 SWITCH, SLIDE 1-214-781-00 METAL 150K 1% 1/4W	
*******************	*****
1-247-722-11 CARBON 5.6K 5% 1/4W	
1-214-777-00 METAL 100K 1% 1/4W *A-1373-057-A UA BOARD, COMPLETE	
1-214-752-00 METAL 9.1K 1% 1/4W ***********************************	
1-214-749-00 METAL 6.8K 1% 1/4W 1-537-043-11 TERMINAL BOARD, INPUT/OUTPUT	
VARIABLE RESISTOR 1-537-044-11 TERMINAL BOARD, INPUT/OUTPUT	
3. [4] [4] [4] [4] [4] [4] [4] [4] [4] [4]	
1-228-717-00 RES, ADJ, CERAMIC CARBON 220 1-228-727-00 RES, ADJ, CERAMIC CARBON 47K	

The components identified by shading and mark are critical for safety.

Replace only with part number specified.



Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description	1		Rema
	CAF	PACITOR				D2311	8-719-110-03 8-719-110-03	DIODE RD7. DIODE RD7.			
C2201	1-123-821-00	FLECT	47MF	20%	16V		8-719-110-03				
C2202			10MF	20%	16V	1 05212	0-/19-100-00	DIODE RD13	E-B2		
C 2203	1-123-617-00	ELECT	10MF	20%		1	10				
C2204	1-123-821-00	ELECT			16V	1	IC				
	1-123-617-00		47MF	20%	16V						
62203	1-123-017-00	E, ECI	10MF	20%	16V		8-759-800-65	IC '_A7910			
C 2206	1-123-617-00	FLECT	1.045	20%	1.04		8-759-140-66	IC UPD4066			
	1-123-821-00	ELECT	10MF	20%	16V		8-759-102-37	IC UPD40521			
	1-123-617-00	ELECT	47MF	20%	16V		8-759-140-53	IC UPD40531			
-		ELECT	10MF	20%	16V	IC2301	8-759-900-09	IC SN74'_SO	9N		
	1-123-821-00 1-101-004-00	ELECT	47MF	20%	16V						
62210	1-101-004-00	CERAMIC	0.01MF		50V		8-759-900-11	IC SN74'_S1:			
C2211	1-123-821-00	FLECT	47MF	20%	1.64		8-759-900-09	IC SN741_SO			
		ELECT	47MF	20%	16V		8-759-901-38	IC SN74'_S1:			
C 2212	1-123-622-00 1-123-821-00	ELECT	22MF	20%	16V	I IC 2305	8-759-901-36	IC SN74'_S1:	36N		
	1-101-004-00	ELECT	47MF	20%	16V	1					
	1-136-173-00	CERAMIC	0.01MF	E 0/	50V	1	TRA	NSISTOR			
62232	1-130-1/3-00	FILM	0.47MF	5%	50V						
C 2234	1-123-617-00	FLECT	1 OME	20%	1.64	Q2201	8-729-117-54	TRANSISTOR			
		E'_ECT	10MF	20%	16V	Q2202	8-729-117-54	TRANSISTOR			
	1-123-617-00	ELECT	10MF	20%	16V	Q2203	8-729-117-54	TRANSISTOR			
	1-123-816-00	ELECT	10MF	20%	50V	Q2204	8-729-178-54	TRANSISTOR			
	1-123-816-00	ELECT	10MF	20%	50V	Q2205	8-729-178-54	TRANSISTOR	2SC2785		
C 2304	1-123-816-00	ELECT	10MF	20%	50V						
0 2205	1 101 006 00	05044470	0.04745			Q2206	8-729-117-54	TRANSISTOR	2SA1175		
	1-101-006-00	CERAMIC	0.047MF	11	50V	Q2207	8-729-178-54	TRANSISTOR	2SC2785		
	1-136-153-00	FILM	0.01MF	5%	50V	Q2208	8-729-178-54	TRANSISTOR	2SC2785		
	1-123-620-00	ELECT	10MF	20%	25V	Q2209	8-729-178-54	TRANSISTOR	2SC2785		
	1-123-821-00	ELECT	47MF	20%	16V	Q2210	8-729-178-54	TRANSISTOR	2SC2785		
C 2309	1-123-816-00	ELECT	10MF	20%	50V						
0.2210	1 102 616 00	5: 505				Q2211	8-729-178-54	TRANSISTOR	2SC2785		
	1-123-616-00	E'_ECT	4.7MF	20%	25V	Q2303	8-729-178-54	TRANSISTOR	2SC2785		
	1-101-006-00	CERAMIC	0.047MF		50V	Q2304	8-729-178-54	TRANSISTOR	2SC2785		
	1-123-332-00	E'_ECT	47MF	20%	16V	Q2307	8-729-178-54	TRANSISTOR	2SC2785		
C 2313	1-123-821-00	ELECT	47MF	20%	16V	Q2308	8-729-178-54	TRANSISTOR	2SC2785		
C 2314	1-101-004-00	CERAMIC	0.01MF		50V						
0.0215	1 100 000 00					Q2311	8-729-178-54	TRANSISTOR	2SC2785		
	1-102-820-00	CERAMIC	330 PF	5%	50V	Q2312	8-729-178-54	TRANSISTOR	2SC2785		
	1-101-004-00	CERAMIC	0.01MF		50V ·		8-729-178-54	TRANSISTOR			
	1-102-887-00	CERAMIC	47PF	5%	50V		8-729-178-54	TRANSISTOR	2SC2785		
	1-102-887-00	CERAMIC	47PF	5%	50V	Q2315	8-729-178-54	TRANSISTOR	2SC2785		
C2319	1-102-887-00	CERAMIC	47PF	5%	50V						
		0504440				Q2316	8-729-900-36	TRANSISTOR	DTC124ES		
	1-101-004-00	CERAMIC	0-01MF	50V		Q2317	8-729-900-36	TRANSISTOR	DTC124ES		
C2321	1-101-004-00	CERAMIC	0-01MF	50V		Q2318	8-729-117-54	TRANSISTOR	2SA1175		
0.2454	1 100 617 00					Q2319	8-729-178-54	TRANSISTOR	2SC2785		
C 3464	1-123-617-00	ELECT	10MF	20%	16V	Q2320	8-729-178-54	TRANSISTOR	2SC2785		
	1-102-121-00	CERAMIC	0.0022MF	10%	50V	1					
C 3466	1-102-121-00	CERAMIC	0.0022MF	10%	50V	Q2321	8-729-178-54	TRANSISTOR	2SC2785		
		Miles and the second					8-729-178-54	TRANSISTOR	2SC2785		
C 3467	1-124-444-00	ELECT	220MF	20%	10V	Q2323	8-729-900-36	TRANSISTOR	DTC124ES		
	1-123-321-00		220MF	20%	16V	Q2324	8-729-178-54	TRANSISTOR	2SC2785		
C 3469	1-124-444-00	ELECT	220MF	20%	10V	l Q2330	8-729-900-36	TRANSISTOR	DTC124ES		
	1-123-321-00		220MF	20%	16V						
C 3471	1-123-321-00	ELECT	220MF	20%	16V	Q2331	8-729-178-54	TRANSISTOR	2SC2785		
						Q2332	8-729-178-54	TRANSISTOR	2SC2785		
	1-124-444-00		220MF	20%	10 V						
C 3473	1-119-353-00	ELECT	220MF		10V	1	RES	ISTOR			
						1					
	DIC	DDE					1-249-429-11		10K	5%	1/6W
D2201	0 710 011 10	DIODE 100110					1-249-429-11		10K	5%	1/6W
	8-719-911-19							CARBON	10K	5%	1/6W
	8-719-911-19						1-249-421-11		2.2K		1/6W
	8-719-911-19					R2205	1-247-104-00	CARBON	75	5%	1/4W
	8-719-911-19										
02310	8-719-110-03	DIODE RD7.5E	2-R5								



Ref.No. Part No.	Description		Remark	Ref.No. Part No	Description		Remark
R2206 1-247-713-11 R2207 1-247-903-00 R2208 1-247-713-11 R2209 1-247-903-00 R2210 1-247-104-00	CARBON 1K CARBON 1M CARBON 1K CARBON 1M CARBON 75	5% 1/4W 5% 1/6W 5% 1/4W 5% 1/6W 5% 1/4W		R2307 1-249-4 R2308 1-247-9 R2314 1-249-4 R2325 1-249-4	117-11 CARBON 003-00 CARBON 117-11 CARBON 117-11 CARBON	1K 5% 1M 5% 1K 5% 1K 5%	1/6W 1/6W 1/6W 1/6W
R2211 1-247-713-11 R2212 1-247-903-00 R2213 1-247-713-11 R2214 1-247-903-00 R2215 1-247-104-00	CARBON 1K CARBON 1M CARBON 1K CARBON 1M CARBON 75	5% 1/4W 5% 1/4W 5% 1/6W 5% 1/6W 5% 1/6W 5% 1/4W		R2327	117-11 CARBON 845-00 CARBON 117-11 CARBON 725-11 CARBON	1K 5% 1K 5% 3.9K 5% 1K 5% 1OK 5% 1OK 5%	1/6W 1/6W 1/6W 1/6W
R2216 1-247-713-11 R2217 1-247-903-00 R2218 1-249-440-11 R2219 1-249-434-11 R2220 1-249-441-11	CARBON 1K CARBON 1M CARBON 82K CARBON 27K CARBON 100K	5% 1/4W 5% 1/6W 5% 1/6W 5% 1/6W		R2349 1-247-8 R2349 1-247-8 R2350 1-247-8 R2351 1-249-4 R2352 1-249-4 R2353 1-249-4	853-00 CARBON 851-00 CARBON 117-11 CARBON 134-11 CARBON	8.2K 5% 6.8K 5% 1K 5% 27K 5% 22K 5%	1/6W 1/6W 1/6W 1/6W 1/6W 1/6W
R2221 1-249-440-11 R2222 1-249-434-11 R2223 1-249-441-11 R2224 1-249-440-11 R2225 1-249-434-11	CARBON 82K CARBON 27K CARBON 100K CARBON 82K CARBON 27K	5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W		R2354	19-11 CARBON 598-11 CARBON 717-11 CARBON	10K 5% 1.5K 5% 68 5% 2.2K 5% 91K 5%	1/4W 1/6W 1/4W 1/4W 1/6W
R2226 1-249-441-11 R2227 1-247-717-11 R2228 1-247-895-00 R2229 1-249-417-11 R2230 1-249-441-11	CARBON 100K CARBON 2,2K CARBON 470K CARBON 1K CARBON 100K	5% 1/4W 5% 1/6W 5% 1/6W		R2359 1-249-4 R2360 1-247-8 R2361 1-249-4 R2362 1-249-4 R2363 1-249-4	853-00 CARBON 121-11 CARBON 129-11 CARBON	27K 5% 8.2K 5% 2.2K 5% 10K 5% 100 5%	1/6W 1/6W 1/6W 1/6W 1/6W
R2231 1-249-441-11 R2232 1-247-891-00 R2233 1-247-891-00 R2234 1-247-897-00 R2235 1-247-891-00	CARBON 100k CARBON 330k CARBON 330k CARBON 560k CARBON 330k	5% 1/6W 5% 1/6W 5% 1/6W		R2364 1-249-4 R2365 1-249-4 R2366 1-249-4 R2367 1-247-8 R2368 1-249-4	25-11 CARBON 25-11 CARBON 315-00 CARBON	2.2K 5% 4.7K 5% 4.7K 5% 220 5% 4.7K 5%	1/6W 1/6W 1/6W 1/6W 1/6W
R2236 1-247-891-00 R2237 1-247-891-00 R2238 1-247-891-00 R2239 1-249-440-11 R2240 1-249-429-11	CARBON 330K CARBON 330K CARBON 330K CARBON 82K CARBON 10K	5% 1/6W		R2369 1-249-4 R2370 1-249-4 R2371 1-249-4 R2372 1-249-4 R2373 1-247-8	37-11 CARBON 29-11 CARBON 22-11 CARBON	22K 5% 47K 5% 10K 5% 2.7K 5% 8.2K 5%	1/6W 1/6W 1/6W 1/6W 1/6W
R2241 1-249-429-11 R2246 1-249-417-11 R2247 1-247-819-00 R2248 1-247-845-00 Ř2249 1-249-417-11	CARBON 10K CARBON 1K CARBON 330 CARBON 3.9K CARBON 1K	5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W		R2374 1-249-4 R2375 1-249-4 R2376 1-249-4 R2377 1-249-4 R2378 1-249-4	21-11 CARBON 25-11 CARBON 25-11 CARBON	3.3K 5% 2.2K 5% 4.7K 5% 4.7K 5% 4.7K 5%	1/6W 1/6W 1/6W 1/6W 1/6W
R2250 1-249-432-11 R2251 1-247-845-00 R2252 1-249-429-11 R2253 1-249-423-11 R2270 1-249-417-11	CARBON 18K CARBON 3.9K CARBON 10K CARBON 3.3K CARBON 1K	5% 1/6W		R2379 1-247-7 R2380 1-249-4 R2381 1-249-4 R2382 1-249-4 R2383 1-249-4	25-11 CARBON 25-11 CARBON 21-11 CARBON	100 5% 4.7K 5% 4.7K 5% 2.2K 5% 2.2K 5%	1/4W 1/6W 1/6W 1/6W 1/6W
R2271	CARBON 1K CARBON 1K CARBON 33K CARBON 33K CARBON 1.8K	5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W		R2384 1-249-4 R2385 1-249-4 R2386 1-249-4 R2387 1-249-4 R2388 1-249-4	121-11 CARBON 117-11 CARBON 117-11 CARBON	2.2K 5% 2.2K 5% 1K 5% 1K 5% 1OK 5%	1/6W 1/6W 1/6W 1/6W 1/6W
R2302 1-247-704-11 R2304 1-247-704-11 R2306 1-247-704-11	CARBON 220	5% 1/4W 5% 1/4W 5% 1/4W		R2389	17-11 CARBON	1K 5% 2.2K 5% 2.2K 5%	1/6W 1/4W 1/4W



Ref.No	. Part No.	Description			Remark	Ref.No.	Part No.	Description	1			Remark
	SWI	TCH				D3421	8-719-911-19	DIODE 1SS11	.9			
5.00.01	1 570 145 11		_			D3422	8-719-911-19	DIODE 1SS11				
S 2001		SWITCH, SLIC					8-719-112-64	DIODE RDIOE				
\$2002		SWITCH, S'_IC				D3424	8-719-110-36	DIODE RD13E				
52003	1-570-145-11	SWITCH, SLIC)Ł			D3425	8-719-911-19	DIODE 1SS11	.9			
	CON	NECTOR				D3426	8-719-109-93	DIODE RD6.2				
110.1	+1 500 000 11	DIN CONNECT	OD CD			D3428	8-719-911-19	DIODE 1SS11				
UA1 UA2	*1-566-058-11	PIN, CONNECT				D3433	8-719-110-15	DIODE RD10E				
UA3	*1-566-058-11 *1-566-056-11	PIN, CONNECT				D3434	8-719-110-15	DIODE RD10E				
UA4	*1-564-441-11	PLUG, CONNEC		5P		1 03433	8-719-110-15	DIODE RD10E	72-B			
UA5	*1-508-767-00	5P PLUG	1010 (2.0111)	31		D3438	8-719-110-17	DIODE RD10E	S-B2			
UA6	*1-564-441-11	PLUG, CONNEC	TOP (2 5MM)	5 D		1	IC					
UA8	*1-566-054-11	PIN. CONNECT		Jr		1	IC					
UA11	*1-566-055-11	PIN, CONNECT				IC 3407	8-752-030-31	IC CXA10245	5			
*****	*****	******	*****	*****	******		COL	1				
						İ	COI					
	*A-1373-058-A	UB BOARD, CC				1 1 3401	1-408-424-00	MICRO INDUC	CTOR 180U	Н		
	CAR						TRA	NSISTOR				
	CAP	ACITOR				03429	8-729-900-36	TRANSISTOR	DTC124EC			
C3414	1-123-608-00	E! ECT	0.22MF	20%	50V	03431	8-729-178-54	TRANSISTOR				
	1-123-608-00	ELECT	0.22MF	20%	50V	03432		TRANSISTOR				
	1-123-608-00	ELECT	0.22MF	20%	50V		8-729-101-37	TRANSISTOR		P-F		
C 3417	1-123-608-00	ELECT	0.22MF	20%	50V		8-729-178-54	TRANSISTOR				
C3418	1-123-608-00	ELECT	0.22MF	20%	50V	İ						
						Q3450	8-729-178-54	TRANSISTOR	2SC2785			
C 3419		ELECT	0.22MF	20%	50V	Q3451	8-729-117-54	TRANSISTOR	2SA1175			
C 3420		CERAMIC	0.01MF	00-1	50V		524					
C 3421		ELECT	10MF	20%	16V	1	RES	ISTOR				
C 3422 C 3423		ELECT	10MF	20%	167	n 2251	1 047 717 11	CADDON	0.014	F 01	1 / 411	
63423	1-101-004-00	CERAMIC	0.01MF		50V	R 3351	1-247-717-11	CARBON	2.2K	5%	1/4W	
C 3424	1-108-833-00	MYLAR	0.0047MF	10%	50 V	I R3353	1-249-429-11 1-249-429-11	CARBON CARBON	10K 10K	5% 5%	1/6W	
C 3425		MYLAR	0.01MF	10%	50V	R3354	1-249-405-11	CARBON	100	5%	1/6W 1/6W	
C 3426		MY'_AR	0.047MF	10%	50V	R3355	1-249-405-11	CARBON	100	5%	1/6W	
C 3427		MY'_AR	0.0047MF	10%	50V	1	1 213 100 11	CAMBON	100	576	17 04	
C 3428	1-108-837-00	MYLAR	0.01MF	10%	50V	R3356	1-249-405-11	CARBON	100	5%	1/6W	
						R3357	1-247-815-00	CARBON	220	5%	1/6W	
C 3429		MY'_AR	0.047MF	10%	50V	R3358	1-249-429-11	CARBON	10K	5%	1/6W	
C 3430		MYLAR	0.0047MF	10%	50V	R3359	1-249-429-11	CARBON	10K	5%	1/6W	
C 3431		MY'_AR	0.047MF	10%	50V	R3360	1-249-462-11	CARBON	22K	5%	1/4W	
C 3433		MY'_AR	0.01MF	10%	50V	D 2261	1 047 705 11	0.0000	1.00	F-4		
C 3434	1-101-004-00	CERAMIC	0.01MF		50V	R3361	1-247-725-11	CARBON	10K	5%	1/4W	
C 3435	1-123-821-00	ELECT	47MF	200	167	R3363	1-247-704-11	CARBON	220	5%	1/4W	
	1-123-620-00		10MF	20% 20%	16V 25V	R3364	1-247-704-11 1-247-704-11	CARBON	220	5%	1/4W	
	1-101-004-00		0.01MF	20%	50V		1-247-704-11	CARBON	220 1K	5% 5%	1/4W	
	1-124-445-00		100MF	20%	16V	1 13300	1-64/-/13-11	CANDON	TV	J /6	1/4W	
	1-108-618-91		0.0022MF	10%	100V	R3367	1-247-713-11	CARBON	1K	5%	1/4W	
					deres large		1-247-713-11	CARBON	1K	5%	1/4W	
	1-124-445-00	ELECT	100MF	20%	16V		1-215-424-00	ME TAL	1.3K	1%	1/6W	
	1-123-617-00	ELECT	10MF	20%	16V		1-247-823-00	CARBON	470	5%	1/6W	
	1-124-445-00	ELECT	100MF	20%	16V	R3371	1-247-823-00	CARBON	470	5%	1/6W	
C 3463	1-123-820-00	ELECT	33MF	20%	16V							
	4 - 4						1-247-717-11	CARBON	2.2K	5%	1/4W	
	DIC	IUE					1-249-421-11	CARBON	2.2K		1/6W	
D2420	0 710 011 10	DIODE 100110	,				1-247-903-00	CARBON	1M	5%	1/6W	
03420	8-719-911-19	DIONE 122112	,			K33/5	1-249-421-11	CARBON	2.2K	5%	1/6W	

The components identified by shading and mark Aare critical for safety. Replace only with part number specified.

UB H3

Ref.No	. Part No.	Description				Remark	Ref.No.	Part No.	Description	1			Remark
R3376			2 24	E o/	1/61/		İ			-		200	
R3377		CARBON CARBON	2.2K 2.2K	5% 5%	1/6W 1/6W		C991	1-123-617-00	ELECT	10MF		20%	16V
R 3378		CARBON	10K	5%	1/6W		1	DIC	DE				
R3379		CARBON	470	5%	1/6W		1	DIC	JUL				
R 3380		CARBON	39K	5%	1/6W		D971	8-719-109-85	DIODE RD5.	155 02			
K 3300	1-247-009-00	CARDON	Jak	J /6	1/ OW		D981	8-719-109-83	DIODE 1SS1				
R3381	1-249-417-11	CARBON	1K	5%	1/6W		1 D982	8-719-109-97	DIODE RD6.				
R 3382		CARBON	27K	5%	1/6W		1 0902	0-713-103-37	DIODE KDO.	3E3-B2			
R 3383		CARBON	1K	5%	1/6W			IC					
R3384		CARBON	10K	5%	1/6W			10					
R 3385		CARBON	1K	5%	1/6W	77.60	1 10071	8-759-933-23	IC BA236				
11 3303	1-243-417-11	CARDON	III	370	1/ UN			8-759-171-05	IC UPC 7805	ur representa			Limit Coll - Properties was
R 3386	1-249-405-11	CARBON	100	5%	1/6W		1 109901	70-133-111-03	16 056/003				
R 3387		CARBON	100	5%	1/6W		i	COI	1				
R3388		CARBON	100	5%	1/6W		1	<u>C01</u>	To the same of the latest				
R3456		CARBON	22K	5%	1/6W		1_990	1-408-424-00	MICDO INDII	TOP 1901	u		
R3460		CARBON	56K	5%	1/6W		1 _930	1-400-424-00	MICKO INDO	CTUR 1000	П		
113400	1-247-073-00	CARDON	JUK	3 /0	1/04		1	TDA	ANSISTOR				
R3461	1-247-851-00	CARBON	6.8K	5%	1/6W			TIVE	11313101				
R3470		CARBON	220K	5%	1/4W		0971	8-729-178-54	TRANSISTOR	2502785			
R3492		CARBON	10K	5%	1/6W		0981	8-729-178-54	TRANSISTOR				
R3493		CARBON	10K	5%	1/6W		0982	8-729-178-54	TRANSISTOR				
	1-247-873-00	CARBON	56K	5%	1/6W		1 0990	8-729-178-54	TRANSISTOR				
N J4J1	1-247-073-00	CARDON	301	3 /6	1/04		1 4990	0-729-170-34	TRANSISTOR	2362703			
R3498	1-247-887-00	CARBON	220K	5%	1/6W		1	DEC	SISTOR				
R3499		CARBON	100K	5%	1/6W		900	KES	13 TUK				
NOTO	1-243-441-11	CARDON	1001	3 /6	1/ UN		R977	1-249-433-11	CARBON	22K	5%	1/6W	
	VAD	IABLE RESISTOR					I R978	1-249-433-11	CARBON	22K	5%	1/6W	
	* C17	TAD_E KESTSTOK	4				R979	1-249-429-11	CARBON	10K	5%	1/6W	
R V330	1 1-228-993-00	RES, ADJ, CAR	RON	Λ	.7K		I R980	1-247-813-00	CARBON	180	5%	1/6W	
	2 1-228-993-00	RES. ADJ. CAR			7K		R981	1-249-405-11	CARBON	100	5%	1/6W	
11 4 5 5 0	_ , ,	KLS, ADO, CAI	10011	٠,	, / 1		1 1001	1-249-405-11	CANDON	100	J 76	1/ 04	
	CON	INECTOR					R982	1-249-432-11	CARBON	18K	5%	1/6W	
	0011	THE O'T OIL					I R983	1-247-851-00	CARBON	6.8K	5%	1/6W	
UB1	*1-566-058-11	PIN, CONNECTO	DR 6P				R984	1-249-417-11	CARBON	1K	5%	1/6W	
UB2	*1-566-058-11	PIN, CONNECTO					R985	1-247-833-00	CARBON	1.2K	5%	1/6W	
UB3	*1-566-054-11	PIN, CONNECTO					R986	1-249-420-11	CARBON	1.8K	5%	1/6W	
UB4	*1-566-061-11	PIN, CONNECTO					1		011110011	1-1-7-1	- 70	-,	
UB6	*1-566-054-11	PIN, CONNECTO					R987 A	1-249-397-51	CARBON	22	5%	1/4W	FESTER
	GA11 EA	111, 001112010					R991	1-249-417-11	CARBON	1K	5%	1/6W	
UB7	*1-566-059-11	PIN, CONNECTO	R 7P				I R992	1-249-434-11	CARBON	27K	5%	1/6W	
UB8	*1-566-057-11	PIN, CONNECTO					I R993	1-249-435-11	CARBON	33K	5%	1/6W	
UB9	*1-566-055-11	PIN, CONNECTO					R994	1-247-873-00	CARBON	56K	5%	1/6W	
UB10	*1-566-056-11	PIN, CONNECTO					1		371113 311	3010	0 /0	-/ 011	
		, , , , , , , , , , , , , , , , , , , ,	rinna 5				R995	1-249-437-11	CARBON	47K	5%	1/6W	
****	*****	******	****	****	*****	*****	* R996	1-247-795-00	CARBON	33	5%	1/6W	
							I R997	1-249-421-11	CARBON	2.2K	5%	1/6W	
	*A-1375-064-A	H3 BOARD, COM	PLETE				I R998	1-249-429-11		10K	5%	1/6W	
		*******					1		2		- 10	-/ -/	
							1 60	VAR	RIABLE RESIS	TOR			
	*1-566-054-11	PIN, CONNECTO	OR 2P				1	100					
	*1-566-055-11	PIN, CONNECTO					I RV972	1-228-725-00	RES. ADJ.	CERAMIC C	ARBON	1 22K	
		PIN, CONNECTO					RV973	1-237-348-11	RES, VAR.	CARBON 5K			
							RV 974	1-237-349-11	RES, VAR.	CARBON 10	K		
	CAP	ACITOR											
	EL L	M. II.					1	SWI	TCH				
C971	1-108-830-00	MYLAR	0.0027	MF	10%	50V	1		TO				
C972	1-108-835-91	MY'_AR	0.0068	MF	10%	50V	S972	1-570-758-11	SWITCH, RO	TARY			
C973	1-108-837-00	MY'_AR	0.01MF		10%	50V	S973	1-570-758-11	SWITCH, RO	TARY			
C974	1-123-617-00	E'_ECT	10MF		20%	16V	1						
C981	1-108-487-00		0.022	IF I	5%	50V	1						
							1						
C990	1-123-617-00	ELECT	10MF		20%	16V							

The components identified by shading and mark A are critical for safety.

Replace only with part number specified.



	. Part No.	Description			Remark	11101 1110	. Part No.	Description	1			Remar
	*A-1380-189-A	K BOARD, COM	P!_ETE *****				IC					
	111	101 > 1					8-759-276-30	IC TA7630P				
	-11 to	ACITOR					A 8-759-111-88 A 8-759-111-88	IC UPC1188				
C 201	1-124-655-11	E'_ECT	0.47MF	20%	50V	1						
202	1-124-655-11	ELECT	0.47MF	20%	50V	1	CON	NECTOR				
203	1-124-035-00	ELECT	47MF	20%	16V	1 1/1	+1 566 050 11	D.T				
205	1-124-035-00 1-108-850-11	E'_ECT MY'_AR	47MF 0.12MF	20%	167	K1	*1-566-058-11	PIN, CONNEC	CTOR 6P			
203	1-100-030-11	FIT TAK	0.1211	10%	50V	K2 K3	*1-508-767-00 *1-566-056-11	5P PLUG PIN, CONNEC	CTOD AD			
206	1-102-125-00	CERAMIC	0.0047MF	10%	50V	I K4	*1-566-054-11	PIN, CONNEC				
207	1-102-125-00	CERAMIC	0.0047MF	10%	50V	I K5	*1-508-765-00	3P PLUG (M				
208	1-108-850-11	MY'_AR	0.12MF	10%	50V	"	1 000 1 00 00	31 1200 (11	,			
209	1-124-038-00	ELECT	1MF	20%	50V	İ	COI	1_				
210	1-124-045-91	ELECT	4.7MF	20%	50V	İ		_				
						1 1201	1-408-424-00	MICRO INDU	CTOR 180U	H		
211	1-124-045-91	ELECT	4.7MF	20%	50V	1						
212	1-124-045-91	E'_ECT	4.7MF	20%	50V	1	TRA	NSISTOR				
213	1-124-041-91	ELECT	220MF	20%	16V		- 2.0					
218	1-123-985-81	E'_ECT	1000MF	20%	16V	Q201	8-729-178-54	TRANSISTOR				
219	1-123-973-00	ELECT	100MF	20%	16V	Q204	8-729-178-54	TRANSISTOR				
220	1 124 042 01	CLECT	0 4745	20~	FOU	Q205	8-729-178-54	TRANSISTOR				
220	1-124-042-91	ELECT	0.47MF	20%	50V	Q206	8-729-117-54	TRANSISTOR				
221 222	1-124-042-91	ELECT	0.47MF	20%	50V	Q209	8-729-117-54	TRANSISTOR	2SA1175			
223	1-162-283-31 1-162-283-31	CERAMIC CERAMIC	120PF 120PF	10%	50V	1 0211	0 700 177 42	TRANCICTOR	000774			
224	1-124-034-91	ELECT	33MF	20%	50V 16V	Q211	8-729-177-43	TRANSISTOR	250//4			
					104	1	RES	ISTOR				
	A. 1-124-474-91	ELECT	47MF	20%	16V							
227	1-108-849-00	MY'_AR	0.1MF	10%	50V	R201		CARBON	100K	5%	1/6W	
228	1-124-042-91	ELECT	0.47MF	20%	50V	R202	1-249-441-11	CARBON	100K	5%	1/6W	
229 230	1-124-042-91	ELECT	0.47MF 120PF	20%	50V	R203	1-249-419-11	CARBON	1.5K	5%	1/6W	
230	1-162-283-31	CERAMIC	IZUPF	10%	50V	R204	1-249-429-11	CARBON	10K	5%	1/6W	
231	1-162-283-31	CERAMIC	120PF	10%	50V	1 1 1 1	1-249-429-11	CARBON	10K	5%	1/6W	
232	1-124-034-91	ELECT	33MF	20%	16V	R206	1-249-429-11	CARBON	10K	5%	1/6W	
233	1'-123-332-00	ELECT	47MF	20%	16V	R207	1-249-419-11	CARBON	1.5K	5%	1/6W	
235	1-108-849-00	MY'_AR	0.1MF	10%	50V	R208	1-249-419-11	CARBON	1.5K	5%	1/6W	
236	1-124-471-00	ELECT	1000MF	20%	6.3V	R211	1-249-415-11	CARBON	680	5%	1/6W	
							A. 1-249-403-51	CARBON	68	5%	1/4W	
237	1-102-074-00	CERAMIC	0.001MF	10%	50V	1				7.	17 11	-
238	1-102-074-00	CERAMIC	0.001MF	10%	50V	R222	1-249-429-11	CARBON	10K	5%	1/6W	
239	1-101-006-00	CERAMIC	0.047MF		50V	R223	1-249-433-11	CARBON	10K	5%	1/6W	
240	1-101-006-00	CERAMIC	0.047MF		50V	R224	1-249-437-11	CARBON	47K	5%	1/6W	
241	1-101-006-00	CERAMIC	0.047MF		50V	R225	1-247-815-00	CARBON	220	5%	1/6W	
24.0	1 105 005 5					R227	1-247-857-00	CARBON	12K	5%	1/6W	
242	1-125-296-00	ELECT(BLOCK)			35V							
243	1-125-296-00	ELECT(BLOCK)		00-1	35V	R228	1-249-390-11	CARBON	5.6	5%	1/6W	
246	1-123-356-00	ELECT	10MF	20%	16V	R229	1-247-857-00	CARBON	12K	5%	1/6W	
247 248	1-102-125-00 1-102-125-00	CERAMIC	0.0047MF	10%	50V	R230	1-249-433-11	CARBON	10K	5%	1/6W	
40	1-102-123-00	CERAPIL	0.0047MF	10%	50V	R231	1-247-873-00		56K	5%	1/6W	
251	1-123-356-00	ELECT	10MF	20%	16V	R232	1-247-815-00	CARBON	220	5%	1/6W	
252	1-123-356-00		10MF	20%	50V	R234	1-247-857-00	CARBON	12K	5%	1/6W	
			- 51.0	2070			A. 1-249-390-51		5.6	5%	1/4W	
	DIO	DE				R236	1-249-429-11	CARBON	10K	5%	1/6W	
						R237	1-249-429-11	CARBON	10K	5%	1/6W	
	1.8-719-111-99		S-T1B2			R238	1-249-423-11	CARBON	3.3K	5%	1/6W	
202	8-719-911-19	DIODE 1SS119				İ			010		-	
203	8-719-110-36	DIODE RD13ES				R239	1-249-437-11	CARBON	47K	5%	1/6W	
204	1.8-719-112-90	DIODE RD13ES	-T1B2			1 R240	1-247-857-00	CARBON	12K	5%	1/6W	
						R241	1-249-441-11	CARBON	100K	5%	1/6W	

The components identified by shading and mark Aare critical for safety.

Replace only with part number specified.

PVM-2530 RM-739

K H2 H1

D C N	D 1 11													
Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark	
R 24 2 R 24 3 R 24 4 R 24 5 R 24 6	1-249-429-11 1-249-425-11 1-249-417-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	10K 4.7K 1K 1K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R907 R908 R909 R910 R911	1-247-700-11 1-247-700-11 1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON CARBON CARBON	100 100	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		
R 25 2 R 25 7	1-249-419-11 1-249-423-11	CARBON CARBON	1.5K 3.3K	5% 5%	1/6W 1/6W		R912 R913	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W		
*****	******	******	*****	*****	*****	*****	R914 R915 R916	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	100 100 100	5% 5% 5%	1/4W 1/4W 1/4W		
	*9-990-890-01	H2 BOARD (KEY	BOARE	UNIT	A)		 R917	1-247-700-11	CARBON	100	5%	1/4W		
	DIO	DDE					R918 R919	1-247-700-11 1-247-700-11	CARBON	100	5% 5%	1/4W 1/4W		
D901	8-719-911-19	DIODE 1SS119					R920 R921	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W		
D902 D903 D904	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119					R922	1-247-700-11	CARBON	100	5%	1/4W		
D904	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119					R923	1-247-700-11	CARBON	100	5%	1/4W		
D906	8-719-911-19	DIODE 1SS119					1 485	SMI	TCH					
D907 D908	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119					S901 S902	1-553-766-00 1-553-766-00	MT SWITCH (KEY					
D909 D910	9-990-893-01 9-990-893-01	LED TL Y263P					S903 S904	1-553-766-00 1-553-766-00	MT SWITCH (KEY	BOARD	SWI	TCH)		
D911	9-990-893-01	LED TLY263P					S905 	1-553-766-00	MT SWITCH (KEY	BUARD	2M1	ICH)		
D912 D913	9-990-893-01	LED TLY263P					1 5906	1-553-766-00	MT SWITCH (KEY					
D913	9-990-893-01 9-990-893-01	LED TLY263P					S907 S908	1-553-766-00 1-553-766-00	MT SWITCH (KEY					
D915	9-990-893-01	LED TLY263P					S909 S910	1-553-766-00 1-553-766-00	MT SWITCH (KEY	BOARD	SWIT	TCH)		
D916	9-990-893-01	'_ED T'_Y263P					1 0011	1 552 766 00	MT CHITCH (VE)		CUIT	TCII)		
D917 D918	9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P					S911 S912	1-553-766-00 1-553-766-00	MT SWITCH (KE)					
D919	9-990-893-01	LED TLY263P					S913	1-553-766-00	MT SWITCH (KEY					
D920	9-990-893-01	LED TLY263P					S914 S915	1-553-766-00	MT SWITCH (KEY	BOARD	SWI	TCH)		
D921	9-990-893-01	LED TLY263P					1							
D922	9-990-893-01	LED TLY263P					*****	******	******	*****	****	*****	*****	
D923	9-990-893-01	LED TLY263P					₩0€	+0 000 007 01	HI DOADD (KEY	DOADD	DMIT	D)		
D924 D925	9-990-893-01 9-990-893-01	LED TLY263P					Vide.	9-990-097-01	H1 BOARD (KEY	BUARD	ONTI	В)		
0320	3 330 030 01	200 1212001					100							
D926	9-990-893-01	LED TLY263P					1	DIO	DE					
D927	9-990-893-01	LED TLY263P												
D928	9-990-893-01	LED TLY263P					D935	8-719-911-19						
D929 D930	9-990-893-01 9-990-893-01	LED TL Y263P					D936	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119					
0930	9-990-093-01	LED TLY263P					D937	8-719-911-19						
D931	9-990-893-01	LED TLY263P					D939	8-719-911-19						
	RES						D940	8-719-911-19						
R901	1-247-700-11		100	5%	1/4W		D941 D944	8-719-911-19 9-990-901-01	DIODE 1SS119 LED TLS263P					
R902	1-247-700-11		100	5%	1/4W		D944	9-990-901-01						
R903	1-247-700-11		100	5%	1/4W		D948	9-990-893-01						
R904	1-247-700-11	CARBON	100	5%	1/4W		İ		DITEST I					
R905	1-247-700-11		100	5%	1/4W		D949		'_ED T_Y263P					
	1 017 77	61 10	100	III THE			D950	9-990-893-01						
R906	1-247-700-11	CARBON	100	5%	1/4W		D951	9-990-893-01	LED TLY263P					



Ref.No	. Part No.	Description				Remark	Ref.No. Part No.	Description	Remark
D952 D953 D954 D955 D956	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P LED TLY263P					1-452-094-00 1-452-146-21 1-452-351-22 1-464-747-11 1-464-748-11		
D957 D958 D959 D960 D961	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P LED TLY263P					A.1-526-920-12 A.1-557-970-11 R1901A.1-205-904-11 S1901A.1-554-966-12	CORD, POWER	30W
	RES	SISTOR					S1902 \(\hbar 1-570-757-11 \) T604 \(\hbar \hbar 1-439-339-12 \)	SWITCH, PUSH (DEGAUSS SWITCH) TRANSFORMER ASSY, FLYBACK	
R935 R937 R938 R939	1-247-703-11 1-247-133-00 1-247-700-11 1-247-700-11	CARBON CARBON CARBON CARBON	180 1.2K 100 100	5% 5% 5%	1/4W 1/4W 1/4W 1/4W		İ	CRT (A64JKJ10X) ************************************	*****
R940	1-247-700-11	CARBON	100	5%	1/4W		*****	*******	
R941 R942	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W		Part No.	Description	Remark
R943 R944 R945	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	100 100 100	5% 5% 5%	1/4W 1/4W 1/4W		A-1470-783-A 1-566-316-11 *3-548-372-00	COMMANDER ASSY (RM-739) CONNECTOR, CONVERSION BAG, POLYETHYLENE	
R946 R947 R948	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	100 100 100	5% 5% 5%	1/4W 1/4W 1/4W		*4-371-190-01 *4-371-191-01 *4-371-192-01	INDIVIDUAL CARTON (FOR DARK GRAY	
R949 R950	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W		*4-380-432-01 *4-382-051-01 *4-382-053-01	BAG, PROTECTION CUSHION (LOWER) (ASSY) CUSHION (UPPER) (ASSY)	
R951	1-247-700-11		100	5%	1/4W		4-482-344-21 4-491-213-22	MANUAL, INSTRUCTION INSTRUCTION	
	2M1	TCH							
\$935 \$936 \$937 \$938 \$939	1-553-766-00 1-553-766-00 1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	Y BOAF Y BOAF Y BOAF	RD SWI RD SWI RD SWI	TCH) TCH) TCH)				
\$940 \$941 \$942 \$943		MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	Y BOAR	D SWI	TCH) TCH)				
****	*****	******	*****	****	*****	******	*		
	*9-990-898-01	N BOARD (KEY	BOARD	UNIT	B)				
IC935	8-741-138-70	IC BX1387 (DE	TECTOR)					
*****	*****	*****	*****	****	******	*****	*		
		CELLANEOUS							

A.1-230-712-21 RESISTOR ASSY, HIGH-VO'TAGE A.1-426-296-11 COI'., DEMAGNETIZATION A.1-451-255-22 DEFLECTION YOKE (SY-164) 1-452-032-00 MAGNET, DISK; 10MM Ø

Ref.No. Part No.	Description	Remark
	MEGNAT, ROTATAB'E DISK; 15MM ø MAGNET, BMC NECK ASSY, CRT (NA302) KEY BOARD UNIT (A) KEY BOARD UNIT (B)	
↑.1-526-920-12 ↑.1-557-970-11	AC OUTLET (WITH EARTH) CORD, POWER	
R1901♠, 1-205-904-11 S1901♠, 1-554-966-12 S1902♠, 1-570-757-11 T604 ♠, 1-439-339-12 V901 ♠, 8-736-652-05	RES, CEMENT WIREWOUND 1 5% SWITCH, PUSH (AC POWER)(1 KEY) SWITCH, PUSH (DEGAUSS SWITCH) TRANSFORMER ASSY, FLYBACK CRT (A64JKJ10X)	30W

ACCESSORIES AND PACKING MATERIA'S

Part No.	<u>Description</u> Remar	k
A-1470-783-A	COMMANDER ASSY (RM-739)	
1-566-316-11	CONNECTOR, CONVERSION	
*3-548-372-00	BAG, POLYETHYLENE	
*4-371-190-01	INDIVIDUA' CARTON (FOR LIGHT GRAY)	
*4-371-191-01	INDIVIDUAL CARTON (FOR DARK GRAY)	
*4-371-192-01	CUSHION (FRONT)	
*4-380-432-01	BAG, PROTECTION	
*4-382-051-01	CUSHION (LOWER) (ASSY)	
*4-382-053-01	CUSHION (UPPER) (ASSY)	
4-482-344-21	MANUAL, INSTRUCTION	
4-491-213-22	INSTRUCTION	

The components identified by shading and mark A are critical for safety.

Replace only with part number specified.



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SONY SERVICE MANUAL

SUPPLEMENT

SUBJECT: CIRCUIT MODIFICATION

US Model Canadian Model

Chassis No. SCC-A58A-A
Serial No. 5,002,401 and later
Serial No. 5,000,601 and later
No. 1

DARK GRAY Serial No. 5,002,401 and later. LIGHT GRAY Serial No. 5,000,601 and later.

INTRODUCTIONS

1. B, board have been added.

2. D, UB, H₃ and K board have been modified.



US Niodel
Canadian Model
chem to str. 238 a d
setal No. 5,002,401 and tool
Setal No. 5,000,501 and tool

SERVICE MANUAL

SUPPLEMENT

SUBJECT CIRCUIT MODIFICATION

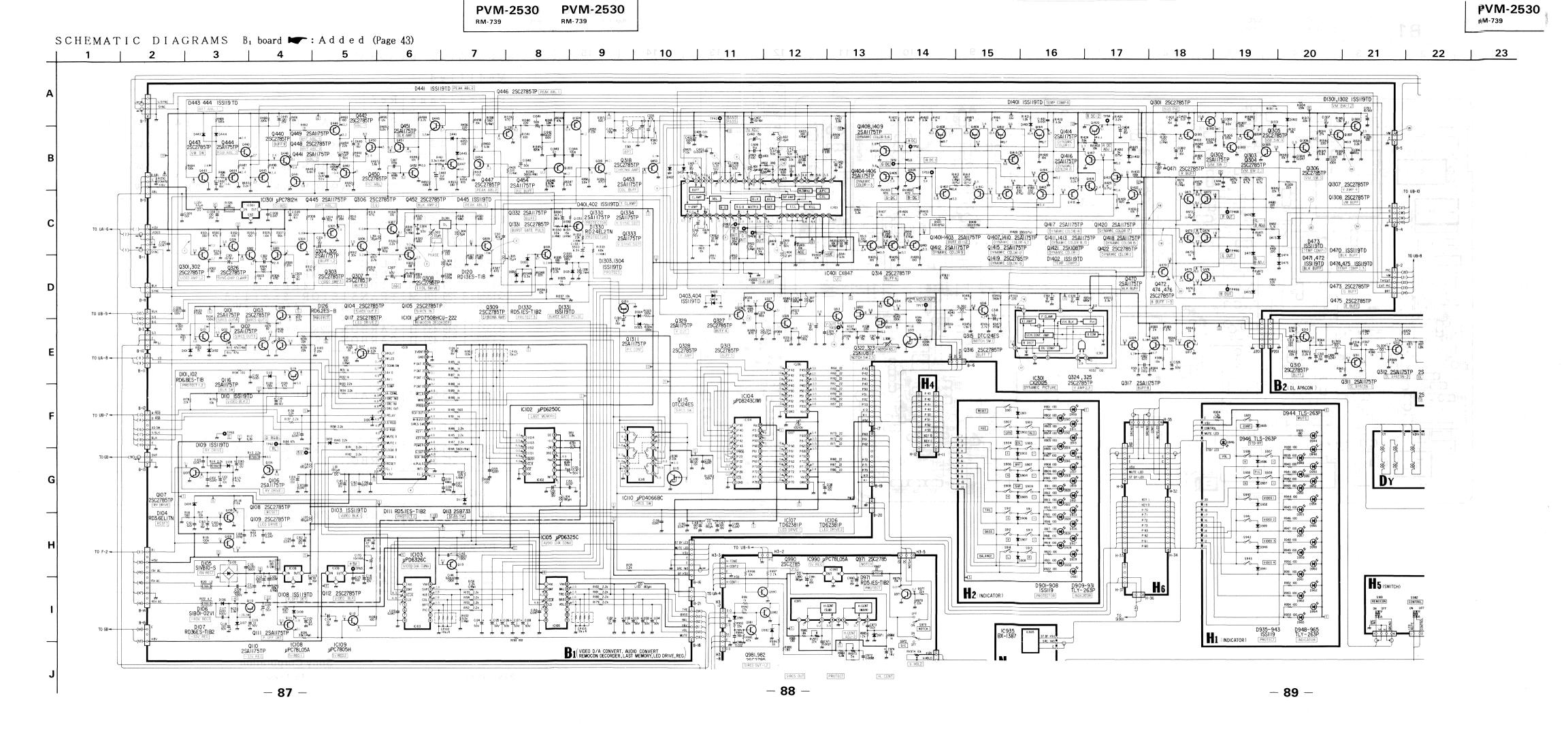
DARCK GRAY Serial Vo. 5,002,401 and later.

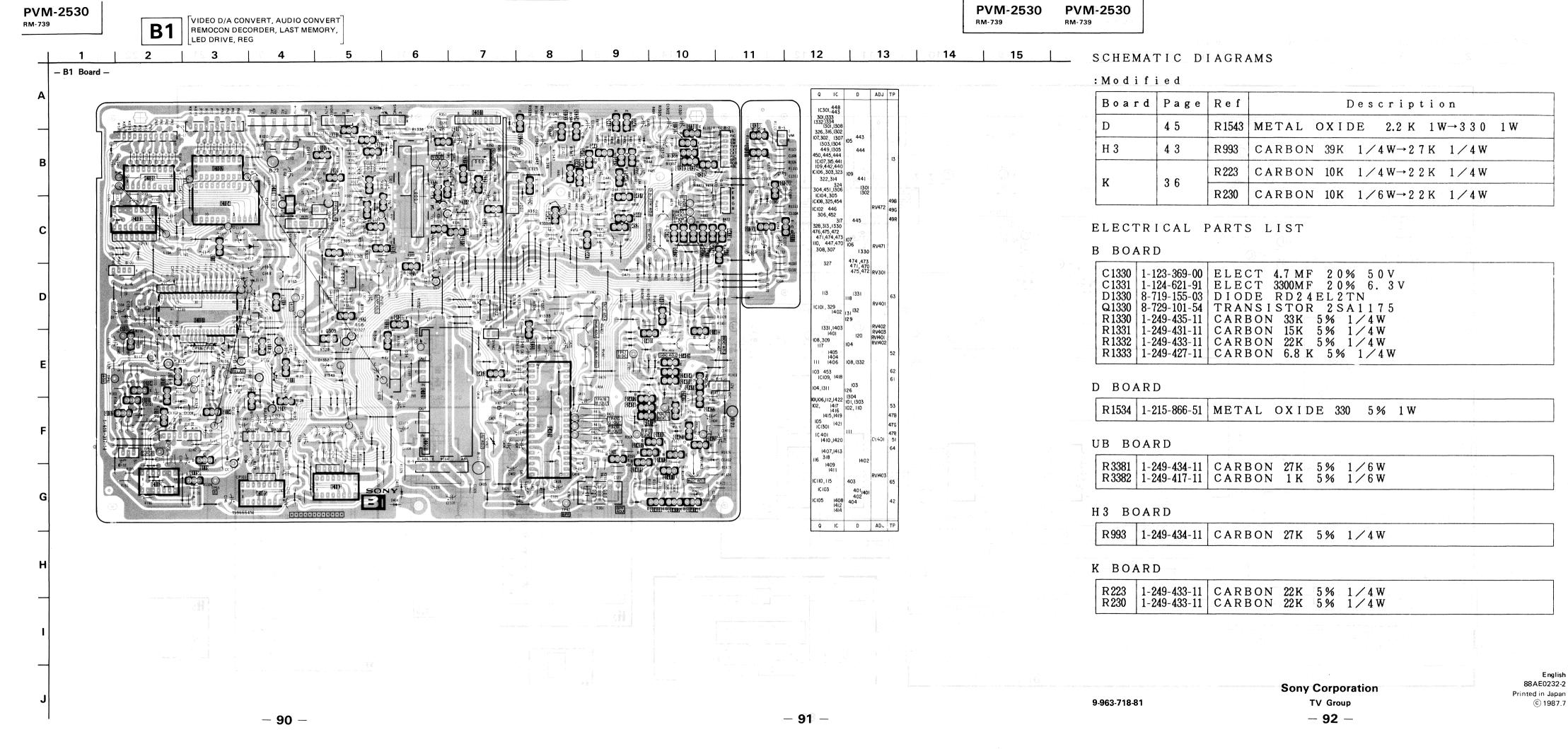
INTRODUCTIONS

1. B. board have been added,

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T.C. Corp 10 North Main St Wharton NJ 07885 www.servicemanuals.net





T.C. Corp 10 North Main St Wharton NJ 07885 www.servicemanuals.net

Sony Corporation
TV Group

- 94 -

SONY **SERVICE MANUAL**

US Model Canadian Model

Serial No. 2,005,001 and later Chassis No. SCC-A58A-A

No.2

SUPPLEMENT

File this supplement with the service manual.

Note: This service manual is to be used with the PVM-2530 with S Video terminal.

SPECIFICATIONS

Color system

NTSC system

Picture tube

Trinitron tube

Approx. 63.5 cm picture measured diagonally,

100-degree deflection, AG Pitch 0.73 mm

Resolution

VTR inputs: 560 TV lines RGB inputs: 640 × 200 dots

(2000 characters)

Color temperature

9300°K (When the NEW DYNAMIC COLOR

select switch is set to OFF.)

Frequency response

10 MHz (-3 to +4 dB, RGB)

6 MHz (-3 dB, composite video)

Horizontal linearity

Less than ±5%

Vertical linearity

Less than ±5%

Horizontal: ±500 Hz Line pull range

Vertical: -8 Hz

Overscan of the picture

Less than +7%

Input return loss

More than 35 dB up to 4 MHz

Zooming

Within 5%

Convergence

Central area: within 1,0 mm

Periphery:

within 1,8 mm

T.C. Corp 10 North Main St Wharton NJ 07885 www.servicemanuals.net

VIDEO IN:

LINE A/B: BNC connector

composite video, 1 Vp-p ±6 dB, sync negative,

75-ohms termination switchable

VTR: 8-pin connector,

composite video, 1 Vp-p ±6 dB, sync negative, 75-ohms terminated

S VIDEO: 4-pin, mini-DIN

Y (luminance signal); 1 Vp-p, 75-ohms,

unbalanced, sync negative C (chrominance signal);

0.286 Vp-p (burst signal), 75-ohms

AUDIO IN:

LINE A/B: Phono jack, -5 dBs, high impedance VTR: 8-pin connector, -5 dBs,

high impedance

AUDIO (for S video): Phono jack,

-5 dBs, high impedance

25-pin connector (See "Pin assignment")

Outputs

CMPTR

VIDEO OUT:

LINE A/B: BNC connector

AUDIO OUT: LINE A/B: Phono jack SPEAKER: 8 ohms (15 W + 15 W)

Power requirements

120 V AC, 50/60 Hz

Power consumption

180 W max

Dimensions

Approx. 653 × 508 × 491 mm (w/h/d) (253/4 × 20 × 193/8 inches)

Approx. 53 kg (116 lb 14 oz)

Supplied accessories

Remote commander RM-739, with 2 batteries

(IEC designation R6) BNC-Phono adaptor plug...... 4

Optional accessories

SU-539 TV stand

SU-541 TV stand

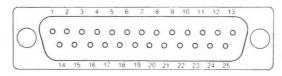
SS-X6A speaker system APM-X5A speaker system





CMPTR connector (25-pin)

Pin assignment



Pin No.	Signal	Signal level		
1* IBM select		High state (5 V): IBM mode Low state: 3 Bit TTL		
2 Audio select		High state (5 V or open): Audio inputs from pin 13. Low state (less than 0.4 V): Audio inputs from the LINE A/LINE B AUDIO IN jacks or VTR connector		
3	H. sync or composite sync	Negative polarity When the high state is selected at pin 9: 1 Vp-p, 75-ohm terminated When the low state is selected at pin 9: TTL level		
4	Blue input	Positive polarity When the high state is selected at pin 9: Analog signal (0.7 Vp-p, 75-ohm terminated, non sync		
5	Green input	1 Vp-p, 75-ohm terminated, with sync on G-signal) When the low state is selected at pin 9:		
6	Red input	Digital signal (TTL level)		
7	Necessation			
8	No connection			
9*	Analog/digital mode select	High state (open): Analog signal (0.7 Vp-p) Low state (ground): Digital signal (TTL level)		
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from a microcomputer Low state (ground): Composite video inputs from the LINE A/LINE B VIDEO IN or VTR connector		
11	V-sync	Negative polarity TTL level		
12	Blanking	High state (5 V or open): Video inputs from a microcomputer only Low state (ground): Composite video input from the LINE A/LINE B VIDEO IN or VTR connector		
		During the low state, the video signal from the microcomputer is blanked and the composite video signal from the LINE A/LINE B VIDEO IN or VTR connector is superimposed over the signal from the microcomputer.		
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k ohms		
14	No connection			
15-24	Ground			
When		Positive polarity When the high state is selected at pin 1: TTL level When the low state is selected at pin 1: Low state (ground)		

* Examples for microcomputer connections

Pin No. Microcomputer	1	9	25
Analog signal	_	High state	_
IBM computer	High state	Low state	IBM luminance signal
TTL 3BIT computer	Low state	Low state	Low state

While the information given is true at the time of printing, small production changes in the course of our company's policy of improvement through research and design might not necessarily be indicated in the specifications. We would ask you to check with your appointed Sony dealer if clarification on any point is required.

Design and specifications subject to change without notice.

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WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.

THE CHASSIS OF THIS RECEIVER IS DIRECTLY CON-

NECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK

① ON THE SCHEMATIC DIAGRAMS, EXPLODED
VIEWS AND IN THE PARTS LIST ARE CRITICAL TO
SAFE OPERATION. REPLACE THESE COMPONENTS
WITH SONY PARTS WHOSE PART NUMBERS APPEAR
AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS
PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS
THAT ARE CRITICAL TO SAFE OPERATION ARE
IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE
REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION!

AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION PROVENANT D'UN CHÁSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE. LE CHÁSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÈS PAR UNE TRAME ET PAR UNE MARQUE À SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

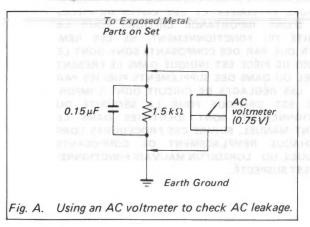
SAFETY CHECK-OUT

(US Model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

- Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
- Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
- Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
- Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- Check the line cord for cracks and abrasion.
 Recommend the replacement of any such line cord to the customer.
- Check the condition of the monopole antenna (if any).

 Make ourse the and is not broken off and has
 - Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
- 8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
- Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.



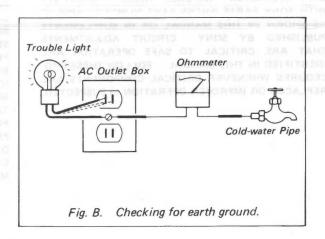
LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

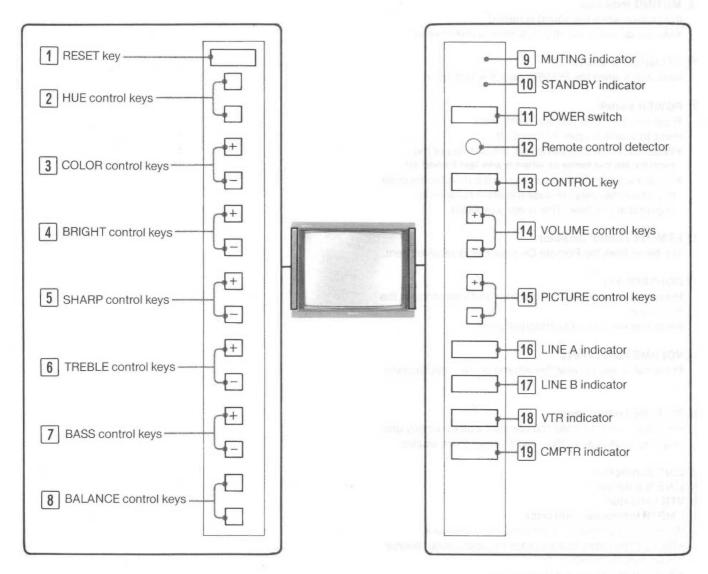
HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)



SECTION 1 GENERAL

1-1. LOCATION AND FUNCTION OF PARTS AND CONTROLS Front panel



• Press CONTROL key after power is turned on to light the control keys or indicators.

The following control keys are effective only when MANUAL CONTROL switch on the rear panel is set to ON.

1 RESET key

Press this key to return to the standard setting.

• This key is effective only for the control keys on the left.

2 HUE control keys

Press the GRN (green) key to make the skin tones greenish or the PUR (purple) key to make it purplish.

3 COLOR control keys

Press the + key to make the color intensity vivid or the - key to make it pale.

4 BRIGHT (brightness) control keys

Press the + key to make the picture brighter or the - key to make it darker.

5 SHARP (sharpness) control keys

Press the + key to obtain a sharp picture or the – key to obtain a less sharp picture.

6 TREBLE control keys

Press the + key to increase the treble (high tone) or the - key to decrease it.

7 BASS control keys

Press the + key to increase the bass (low tone) or the - key to decrease it.

8 BALANCE control keys

Press the L key to increase the sound volume of the left speaker or the R key to increase the sound volume of the right speaker.

9 MUTING indicator

Illuminates while the sound is muted.

· Muting is controlled only by a remote commander.

10 STAND BY indicator

Illuminates when the POWER switch is turned off.

11 POWER switch

Press this switch to turn the monitor on.

Press this switch again to turn it off.

- When the monitor is turned on, the settings of the monitor are the same as when it was last turned off.
- For a few seconds after turning on the monitor the color of picture may vary because the white balance is adjusted at this time. This is not a problem.

12 REMOTE control detector

The beam from the Remote Commander is received here.

13 CONTROL key

Press this key to illuminate the keys and indicators on the front panel.

Press this key again to extinguish them.

14 VOLUME control keys

Press the + key to raise the volume or the - key to lower

15 PICTURE control keys

Press the + key to make the contrast, color intensity and brightness stronger or the - key to make them weaker.

- 16 LINE A indicator
- 17 LINE B indicator
- 18 VTR indicator

19 CMPTR (computer) indicator

When the input source is selected, each indicator:

- Blinks if the indicators and keys excepting input source indicators illuminate.
- · Illuminates if they are extinguished.

Note on the superimposing function and dollars JOSTIACO JAUNAM nada uno existence present introduction and analysis of the superimposing function.

The PVM-2530 can superimpose the CMPTR input source onto the other input source. For this function once the CMPTR input source has been selected, both the indicator of the CMPTR input source and the indicator of the input source selected just before the CMPTR will blink or illuminate.

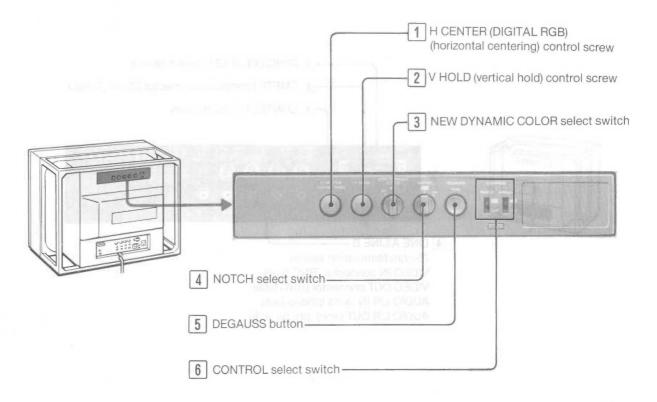
Key illumination

For the keys 1 through 8, 14 and 15: avail failings 2

- While each key is pressed, it blinks, indicating that adjustment is going on.
- · During adjustment, if the adjustment value reaches the limit, the blinking speed becomes slower.



Rear panel



1 H CENTER (DIGITAL RGB) (horizontal centering) control

When the picture of DIGITAL RGB input is distorted horizontally, correct it with this control.

2 V HOLD (vertical hold) control

When the picture rolls vertically, correct it with this control.

3 NEW DYNAMIC COLOR select switch

Normally set to ON, which makes it possible to obtain natural skin tone and "blueish white".

4 NOTCH select switch

Normally set to OFF.

To eliminate notches forming along the horizontal boundary between the colors, set this switch to ON.

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5 DEGAUSS button

Push this button for more than 5 seconds to demagnetize the screen.

(Just a touch may make the screen more magnetized.) Wait for 10 minutes or more before activating this button again.

6 CONTROL select switches

Normally set to ON.

REMOTE CONTROL switch

Set this switch to ON to control the monitor with a Remote Commander.

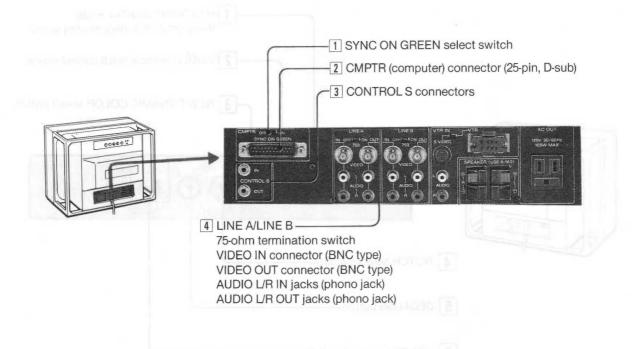
If this switch is set to OFF, the remote control is not possible.

MANUAL CONTROL switch

Set this switch to ON to control the monitor manually. To make the manual control of the control keys or switches on the front panel impossible, distinguish the indicators by pressing the CONTROL key on the front panel and set this switch to OFF.

(However remote control is possible if REMOTE CONTROL switch is set to ON.)

Connectors



1 SYNC ON GREEN select switch

When an RGB input source is connected to CMPTR connector, set this switch to:

ON to synchronize with the sync signal on G-signal.
OFF to synchronize with H./V. sync signal or composite sync signal.

2 CMPTR (computer) connector (25-pin, D-sub)

Connect to a microcomputor with digital or analog RGB outputs.

For the pin assignment, refer to SPECIFICATIONS.

3 CONTROL S IN/OUT connectors

Connect to the CONTROL S connectors of a VTR or several monitors.

It is then possible to control the system with a single Remote Commander.

4 LINE A/LINE B

VIDEO IN connector (BNC type) AUDIO L/R IN jacks (phono jack)

Connect to the video and audio outputs of a VTR or a camera.

VIDEO OUT connector (BNC type) AUDIO L/R OUT jacks (phono jack)

Loop-through outputs of the IN connector and jacks.

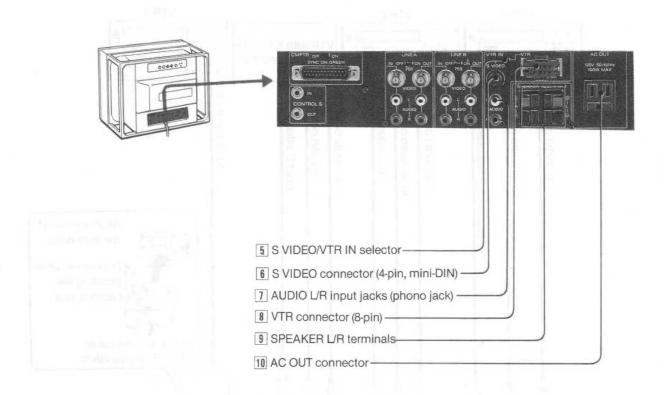
Connect to the video and audio inputs of another monitor.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON.

When both connectors are used together for a loop-through connection), set this switch to OFF.

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5 S VIDEO/VTR IN selector

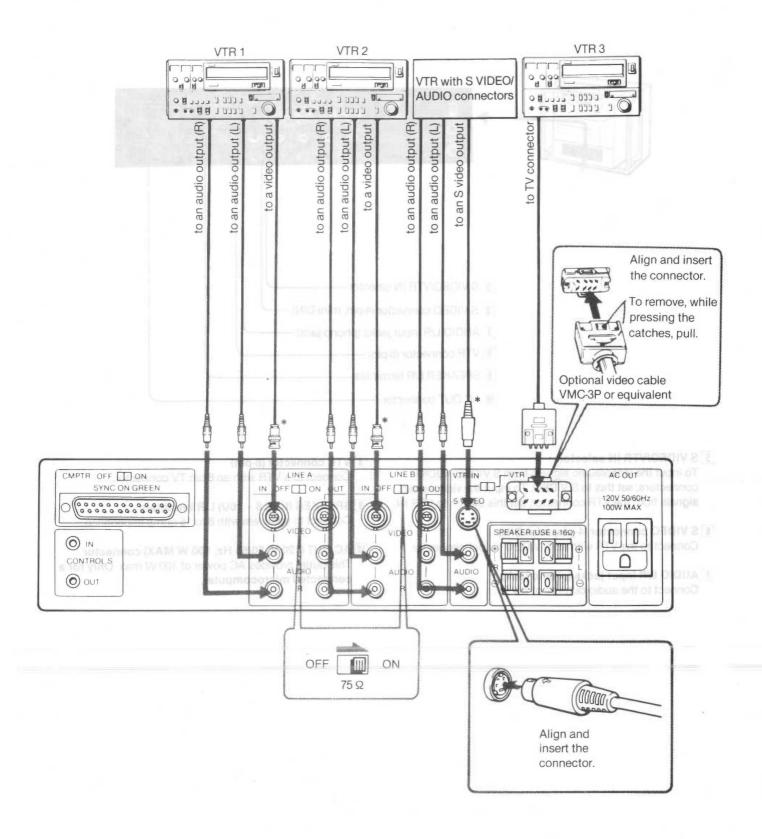
To input the video/audio signals from S VIDEO/AUDIO connectors, set this to S VIDEO. To input the video/audio signals from the VTR connector, set this switch to VTR IN.

- 6 S VIDEO connector (4-pin, mini-DIN)
 Connect to the VTR with an S VIDEO output connector.
- AUDIO L/R input jacks (phono jack)
 Connect to the audio outputs of a VTR.

- 8 VTR connector (8-pin)
 Connect to a VTR with an 8-pin TV connector.
- § SPEAKER (USE 8 16Ω) L/R terminals Connect to speakers with 8 to 16 ohms impedance.
- 10 AC OUT (120 V, 50/60 Hz, 100 W MAX) connector This outlet provides AC power of 100 W max. Only for a connected microcomputer.

1-2. SYSTEM CONNECTIONS

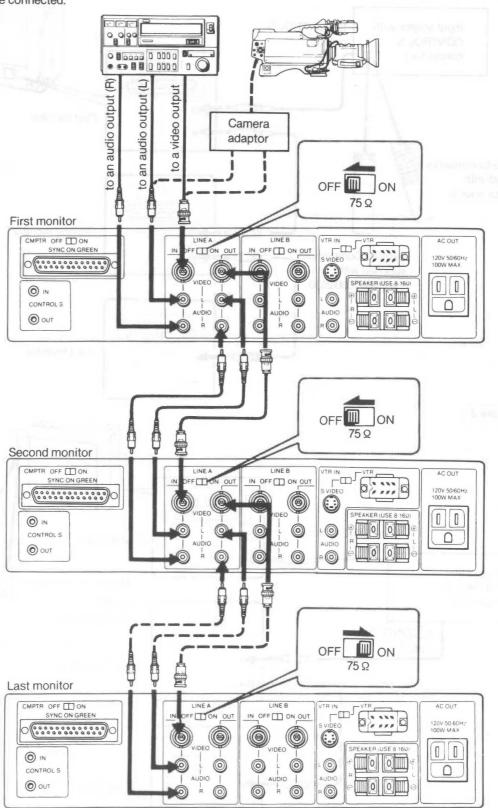
CONNECTING A VTR



^{*} If the connected VTR's video output is an RCA phono jack, use the supplied BNC-Phono adaptor plug.

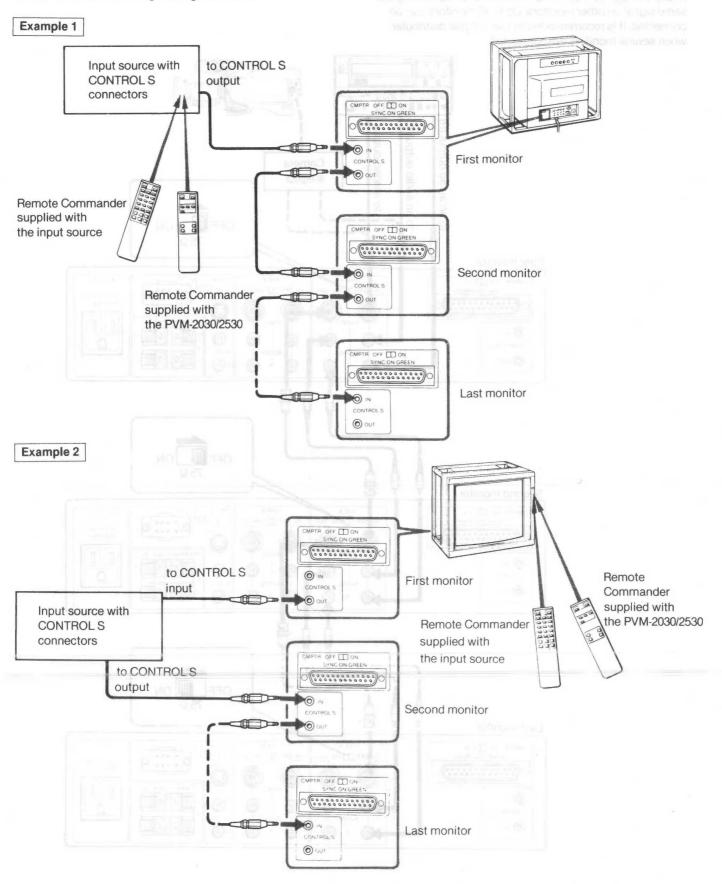
CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on other monitors. Up to 10 monitors can be connected. It is recommended to use a signal distributer when several monitors are connected.



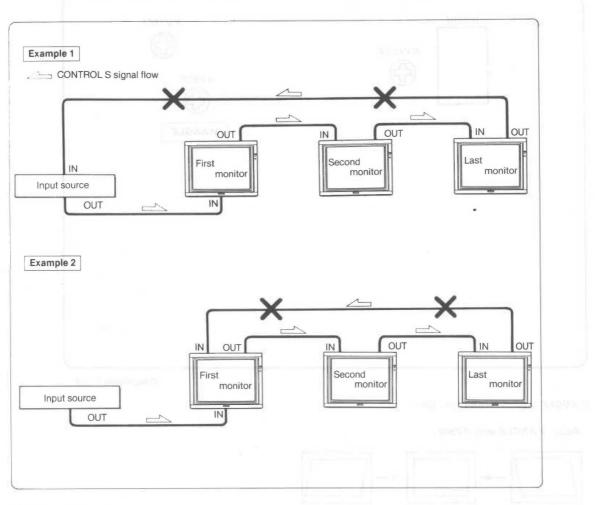
CONTROL S connection

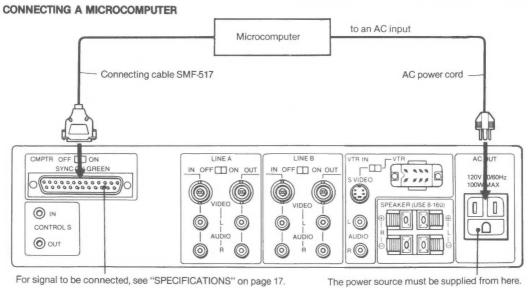
The following connections allow remote control of several monitors and a VTR through a single monitor.



Note

Do not use the following loop connections.

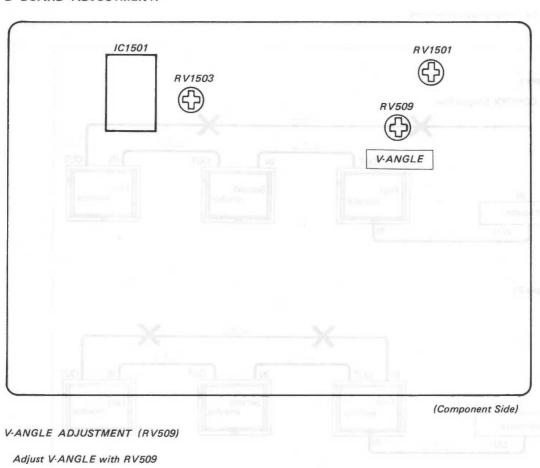


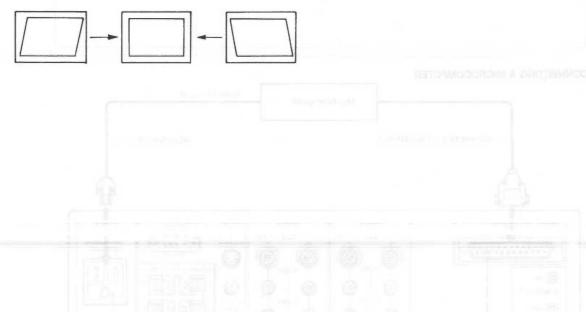


When a microcomputer has only a composite video output connector, connect it to the LINE A or LINE B VIDEO IN connector.

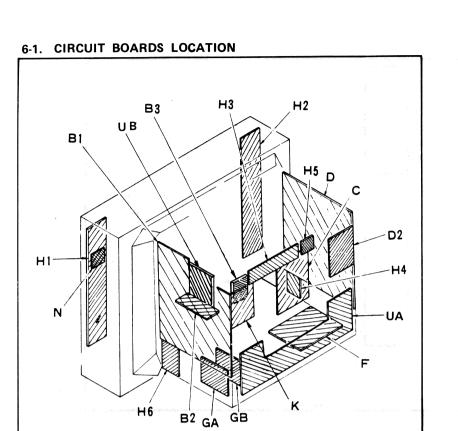
SECTION 5 CIRCUIT ADJUSTMENTS

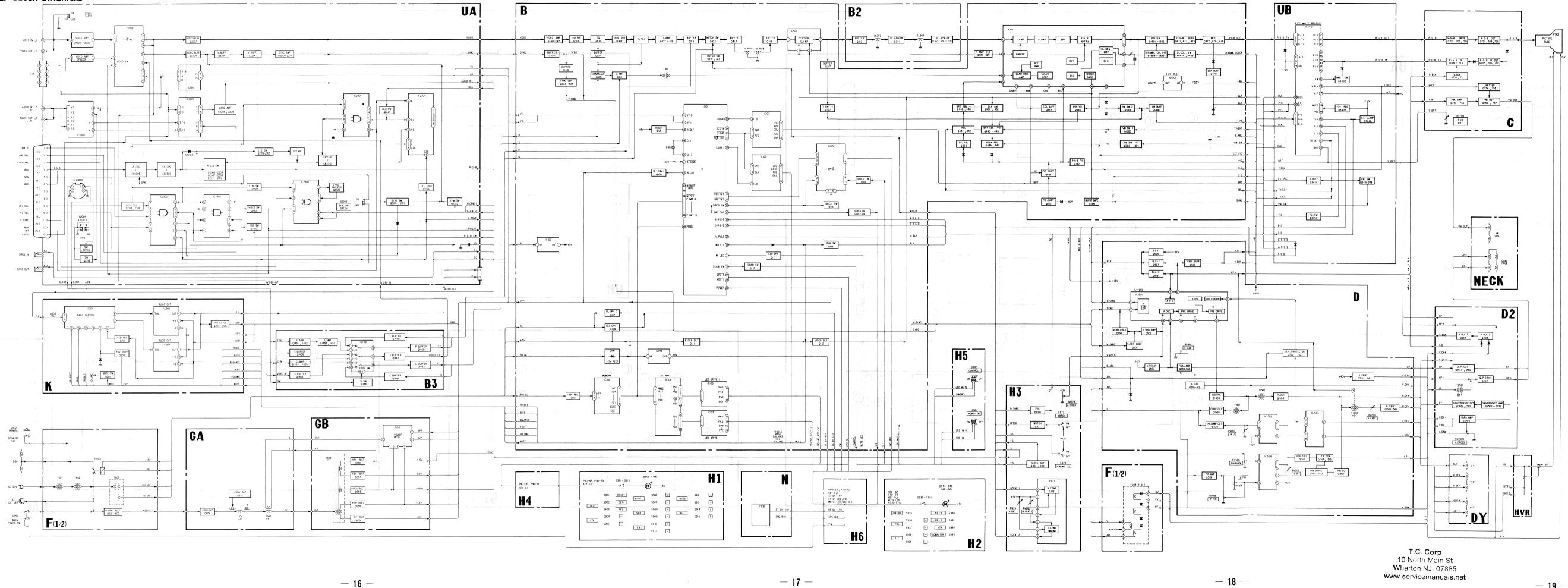
5-1. D BOARD ADJUSTMENT.











Note: The components identified by shading and mark A are critical for safety. Replace only with part number specified.

6-3. SCHEMATIC DIAGRAM (1)

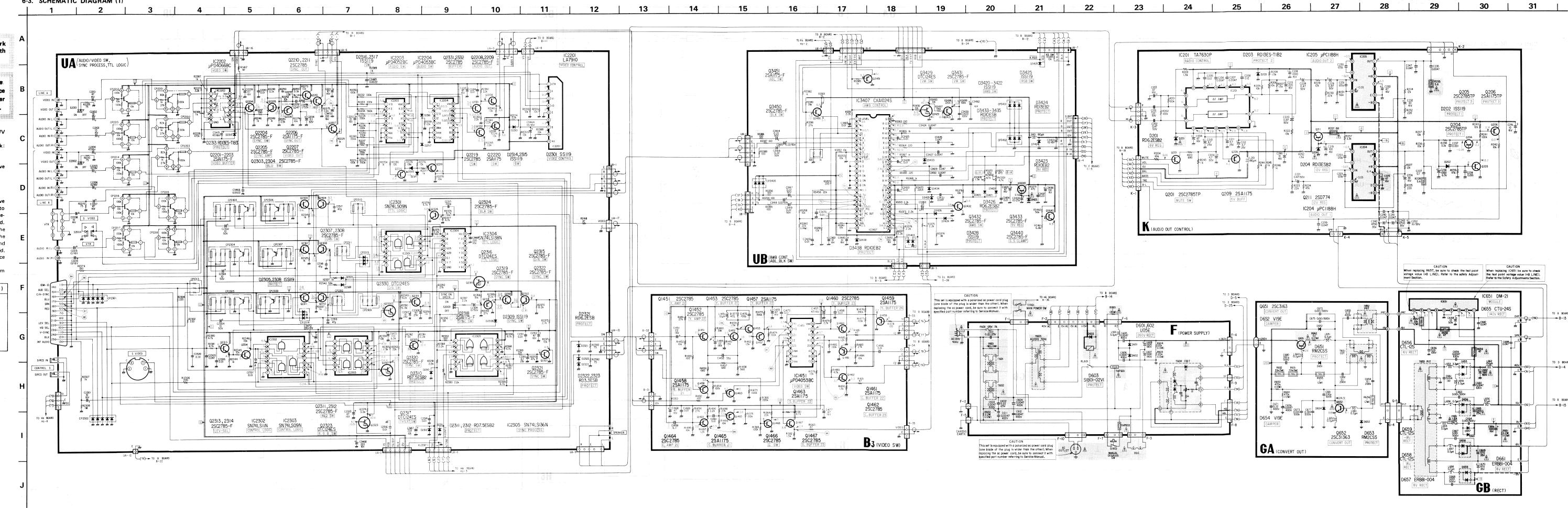
Note: Les composants identifiés par une trame e

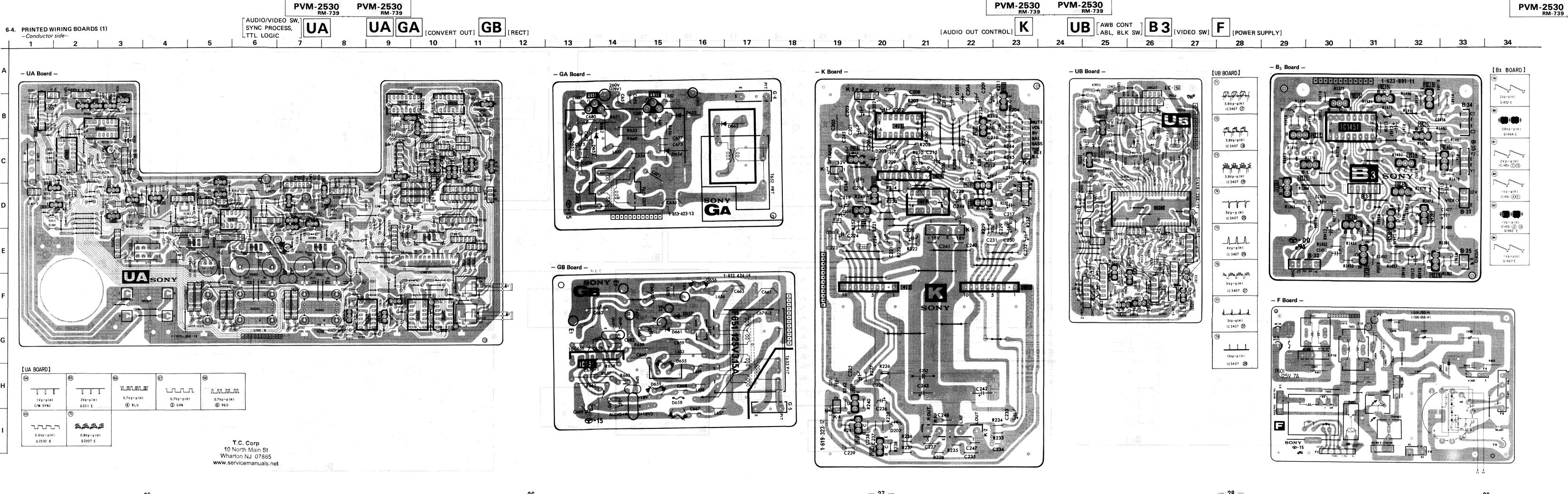
- All capacitors are in μF unless otherwise noted. p: μμF 50WV
- or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/4W unless otherwise noted. k: 1000Ω , M: 100k Ω .
- nonflammable resitor.
- All variable and adjustable resistors have characteristicc curve B, unless otherwise noted.
- was : fusible resistor.
- △ : internal component.
- : panel designation.
- The components indentified by in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by mark the necessary adjustments indicated. If results do not meet the specified value, change the component identified by repeat the adjustment until the specified value is achieved. (Refer to R597 adjustment on page 19, 20 of the Service

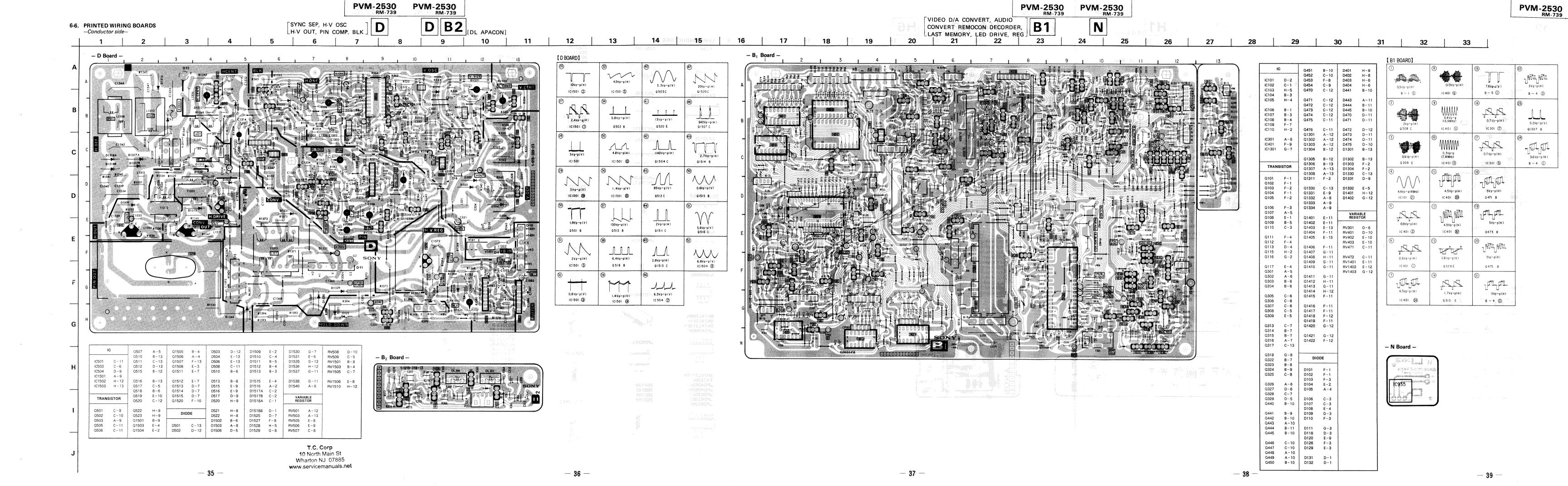
When replacing the part in below table, be sure to perform the related adjustment.

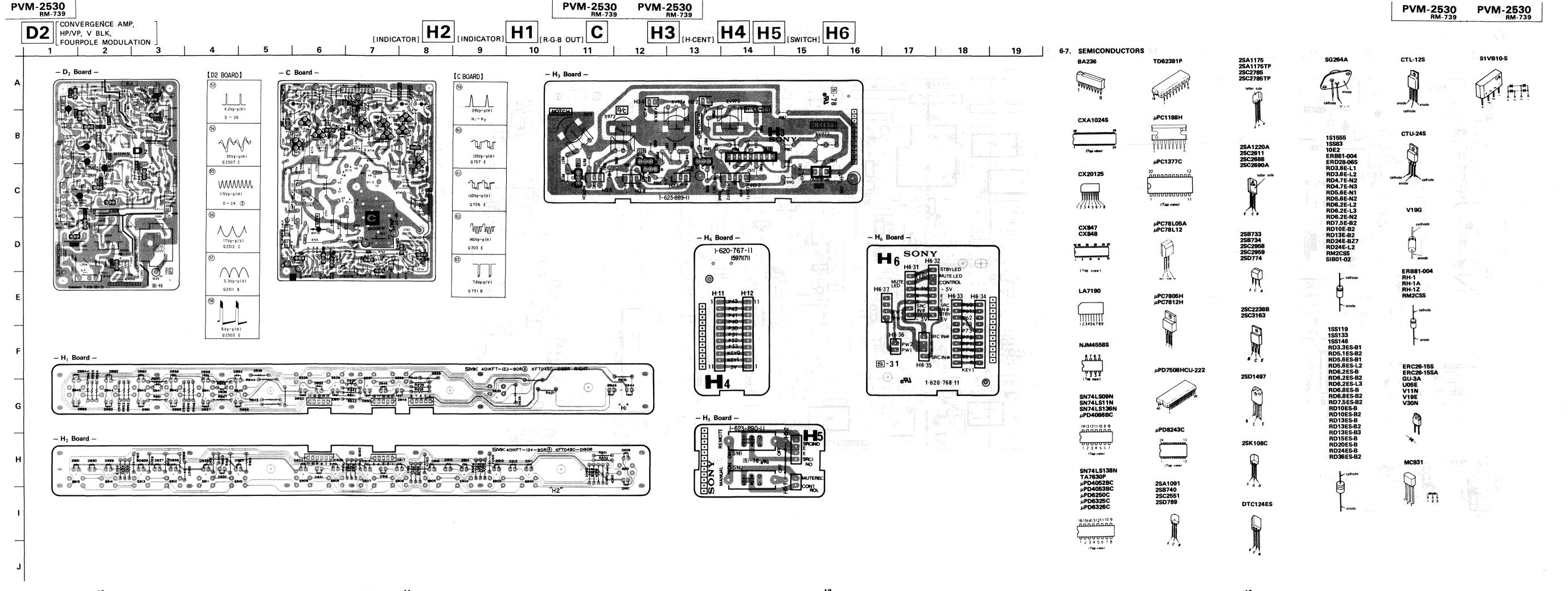
Part replaced (🔼)	Adjustment (🛭)
C1509, IC1501, IC1503, D520, D521, D522, D1540, Q522, D523, R593, R594, R595, R596, R597, R598, R599, R1350, R1518, R1519, R1520, R1521, R1522, R1523, R1525, R1590, R1592, R1593, R1594, R1595, R1597, R1598,	R597

- Voltages are dc with respect to ground unless otherwise
- Readings are taken with a $10M\Omega$ digital multimeter.
- Voltage variations my be noted due to normal production tolerances.
- adjustment to repair.
- Readings are taken with a color-bar-signal input.
- no mark: with NTSC(3.58MHz) color-bar signal received. (): with DIGITAL color-bar signal received.
- Circled numbers refer to waveforms.
- B₃ board voltage readings are taken with inputting a color-bar S signal.







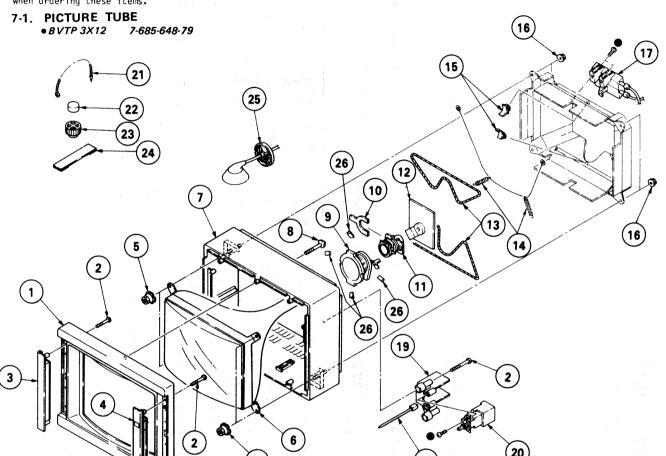


SECTION 7 EXPLODED VIEWS

- Items with no part number and no des-cription are not stocked because they
- are seldom required for routine service. · The construction parts of an assembled part are indicated with a collation
- service. Some delay should be anticipated when ordering these items.

number in the remark column. Items marked " * " are not stocked since they are seldom required for routine

Les composants identifiés par The components identified une trame et une marque Asont critiques pour la sécurité. by shading and mark Aare critical for safety. Ne les remplacer que par Replace only with part number specified. une pièce portant le numéro spécifié.



No.	Part No.	Description	Remark	No.	Part No.	Description Remark
				i		
1	X-4374-160-2	BEZEL ASSY (FOR DARK GRAY)	2	13	A.1-426-296-11	COIL, DEMAGNETIZATION
	X-4374-160-3	BEZEL ASSY (FOR LIGHT GRAY)	2	14	4-303-774-XX	SPRING
2	3-703-083-00	+ BV 3X25		15	*4-371-629-01	STOPPÉR, WIRE
3	1-464-747-11	KEY BOARD UNIT (A)		16	4-306-034-00	FLANGE NUT, (B) 5MM
4	1-464-748-11	KEY BOARD UNIT (B)		17		RESISTOR ASSY, HIGH-VOLTAGE
5	4-376-980-01	NUT, SPECIAL, CRT		18	*4-371-182-01	SHAFT
6 A		PICTURE TUBE (A64JKJ10X)		j 19	*4-371-183-01	COVER, MAIN SWITCH
7	X-4374-161-2	CABINET ASSY (FOR DARK GRAY)	8	20	A.1-554-966-12	SWITCH, PUSH (AC POWER)(1 KEY)
	X-4374-161-3	CABINET ASSY (FOR LIGHT GRAY)	8	21	4-308-870-00	CLIP, LEAD WIRE
8	4-319-520-11	SCREW, SPECIAL (+PW4X30)		22	1-452-032-00	MAGNET, DISK: 10MM Ø
9 4		DEFLECTION YOKE		23	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø
10	1-452-146-21			24	X-4306-312-0	PERMALLOY ASSY, CONVERGENCE
11 4		NECK ASSY, CRT (NA302)		25	*4-369-234-01	HOLDER, HV CABLE
		C BOARD, COMPLETE		26	3-703-003-00	SPACER, DY

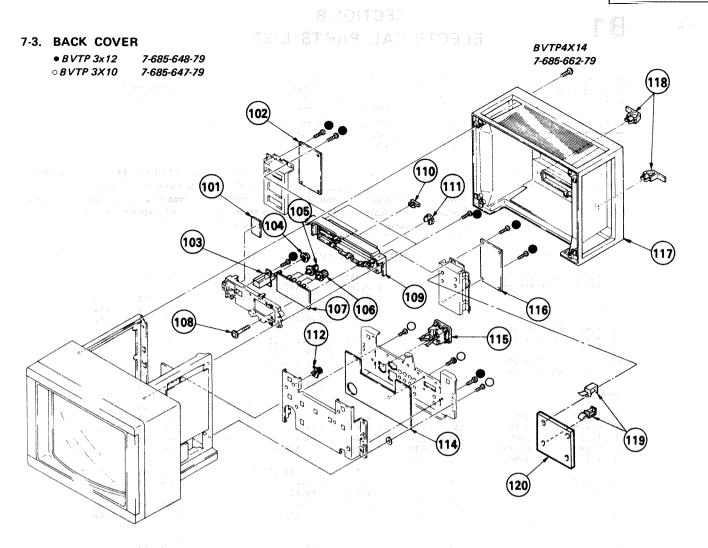
7-2. CHASSIS

• BVTP 3x12 7-685-648-79 **▲BVTP 3X10** 7-685-647-79 NUT M2 7-622-205-05

No.	Part No.	<u>Description</u> Remark	No.	Part No.	Description		Remark
51	*4-313-732-00	CLIP, HINGE, CIRCUIT BOARD	61	*1-613-423-11	GA BOARD		
52	*A-1345-688-A	D BOARD, COMPLETE	62	3-845-490-00	WASHER		
53	*1-620-767-11	H4 BOARD	63		H6 BOARD		
54	<u></u> ∧.1-205-904-11	RES, CEMENT WIREWOUND 1 5% 30W	64	*A-1135-476-A	B1(B) BOARD, COMPLETE		65
55	A ;1-439-339-14	TRANSFORMER ASSY, FLYBACK	65	*1-619-318-11		Compared to the con-	
56	*1-619-285-11	F BOARD	66	4-302-428-00	HEAD, WASHER, TAPPING	SCREW	
	∆.*4 -371-185-02		67	4-383-101-01	WASHER (DIA.14)		
	A.1-557-970-11		68	*A-1373-058-A	UB BOARD, COMPLETE	3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
59	4-319-520-11	SCREW, SPECIAL (+PW4X30)	69	*3-703-353-06	SUPPORT, PC BOARD		
60	*1-613-424-11	GB BOARD	İ		,		
					A CONTRACT SOURCE SOURCE		

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



No.	Part No.	<u>Description</u> Remo	ark	No.	Part No.	<u>Description</u> <u>Remark</u>
101	*1-623-890-11		i	110	4-371-176-01	CAP, SQUARE (FOR DARK GRAY)
102	*A-1340-936-A	D2 BOARD, COMPLETE	İ			CAP, SQUARE (FOR LIGHT GRAY)
103		SWITCH, PUSH (DEGAUSS SWITCH)		111		CAP (FOR DARK GRAY)
104	4-381-168-01	BUTTON, DEGAUSSING (FOR DARK GRAY)			4-371-181-11	CAP (FOR LIGHT GRAY)
	4-381-168-11	BUTTON, DEGAUSSING (FOR LIGHT GRAY)	1	112	*3-670-570-11	SPACER, SUPPORT
105		KNOB (B), CONTROL (FOR DARK GRAY)	- 1	114	*A-1373-088-A	UA BOARD, COMPLETE
	4 - 381 - 167 - 11	KNOB (B), CONTROL (FOR LIGHT GRAY)		115	A.1-526-920-12	AC OUTLET (WITH EARTH)
106	4-381-166-01	KNOB (A), CONTROL (FOR DARK GRAY)	ſ	116	*A-1380-189-A	K BOARD, COMPLETE
		KNOB (A), CONTROL (FOR LIGHT GRAY)		117	X-4374-162-2	COVER ASSY, REAR (FOR DARK GRAY) 118
107	*A-1375-069-A	H3 BOARD, COMPLETE	1		X-4374-162-4	COVER ASSY, REAR (FOR LIGHT GRAY)118
108	4-319-520-11	SCREW, SPECIAL (+PW4X30)	1	118	4-316-003-21	HOLDER, CORD (FOR DARK GRAY)
109	4-382-005-11	PANEL, CONTROL (FOR DARK GRAY)			4-316-003-31	HOLDER, CORD (FOR LIGHT GRAY)
	4-382-005-21	PANEL, CONTROL (FOR LIGHT GRAY)	1	119	*3-703-141-00	HOLDER, PCB
			Ţ	120		B3 BOARD, COMPLETE

T.C. Corp 10 North Main St Wharton NJ 07885 www.servicemanuals.net The components identified by shading and mark Aare critical for safety. Replace only with part number specified.

SECTION 8 ELECTRICAL PARTS LIST

NOTE .

R1364 1-249-433-11 CARBON

The components identified by shading and mark Aare critical for safety. Replace only with part number specified.

B1

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

• Items marked " * " are not stocked RESISTORS since they are seldom required for · All resistors are in ohms routine service. Some delay should be • F : nonflammable anticipated when ordering these items. COILS · All variable and adjustable resistors • MMH : mH, UH : الر have characteristic curve B, unless

CAPACITORS ۰ MF : س۲, PF : بربر

the board name.

When indicating parts by reference number, please include

• The components identified by M in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Remark | Ref.No. Part No. Description Ref.No. Part No. Description Remark *A-1130-631-A B3 BOARD, COMPLETE R1365 1-249-441-11 CARBON 100K 5% 1/4W R1366 1-247-887-00 CARBON 220K 5% 1/4W R1375 1-249-441-11 CARBON 100K 5% 1/4W | R1376 | 1-249-429-11 | CARBON | R1377 | 1-249-413-11 | CARBON CONNECTOR 10K 5% 1/4W 470 5% 1/4W *1-566-055-11 PIN. CONNECTOR 3P R1451 1-249-434-11 CARBON *1-566-057-11 PIN. CONNECTOR 5P 27K 5% *1-566-056-11 PIN. CONNECTOR 4P R1452 1-249-429-11 CARBON 10K 5% 1/4W *1-566-056-11 PIN, CONNECTOR 4P R1453 1-249-405-11 CARBON 100 5% 1/4W B35 *1-566-054-11 PIN, CONNECTOR 2P R1454 1-249-441-11 CARBON 100K 5% R1456 1-249-415-11 CARBON 680 5% 1/4W CAPACITOR R1457 1-249-415-11 CARBON 680 5% 1/4W C1451 1-123-330-00 ELECT 20% R1458 1-249-414-11 CARBON 560 5% 1/4W C1452 1-102-963-00 CERAMIC C1453 1-123-330-00 ELECT 5% 33PF 50<u>v</u> R1459 1-249-419-11 CARBON 1.5K 5% 1/4W 39K 5% 1/4W 13K 5% 1/4W 22MF 20% 167 R1460 1-249-436-11 CARBON C1456 1-136-153-00 FILM 0.01MF R1461 1-215-448-00 CARBON C1457 1-124-477-11 ELECT 47MF 20% 167 R1462 1-249-419-11 CARBON 1.5K 5% 1/4W C1458 1-102-129-00 CERAMIC 0.01MF 10% 50V R1473 1-215-483-00 CARBON 390K 5% 1/4W 100K 5% 1/4W C1459 1-136-165-00 FILM 0.1MF R1474 1-249-441-11 CARBON 50V 5% C1461 1-136-153-00 FILM 0.01MF 5% 50V R1476 1-215-483-00 CARBON 390K 5% 1/4W C1468 1-124-477-11 ELECT 20% 10% 167 47MF R1477 1-249-441-11 CARBON 100K 5% 1/4W C1469 1-102-129-00 CERAMIC 0.01MF 50V R1478 1-249-405-11 CARBON 100 5% 1/4W R1479 1-249-422-11 CARBON C1472 1-124-477-11 ELECT 20% 10% 47MF 16V 2.7K 5% 1/4W C1473 1-102-129-00 CERAMIC 0.01MF 50V R1480 1-249-418-11 CARBON 1.2K 5% 1/4W C1476 1-102-973-00 CERAMIC 5% R1481 1-249-401-11 CARBON 100PF 50V 47 5% 1/4W C1477 1-124-477-11 ELECT 47MF 167 20% R1482 1-249-441-11 CARBON 100K 5% 1/4W IC R1483 1-249-434-11 CARBON 5% R1484 1-249-429-11 CARBON 10K 5% 1/4W IC1451 8-759-140-53 IC UPD4053BC R1489 1-249-425-11 CARBON 4.7K 5% 1/4W R1490 1-249-419-11 CARBON 1.5K 5% 1/4W COIL R1491 1-249-401-11 CARBON 47 5% 1/4W L1451 1-408-409-00 INDUCTOR R1492 1-249-405-11 CARBON 100 5% 1/4W R1493 1-249-441-11 CARBON 100K 5% 1/4W R1494 1-249-434-11 CARBON 27K 5% 1/4W 10K 5% 1/4W TRANSISTOR R1495 1-249-429-11 CARBON Q1451 8-729-178-54 TRANSISTOR 2SC2785 R1496 1-249-421-11 CARBON 2.2K 5% 1/4W 01452 8-729-178-54 TRANSISTOR 2SC2785 R1497 1-249-418-11 CARBON 01453 8-729-178-54 TRANSISTOR 2SC2785 1.2K 5% 1/4W Q1457 8-729-117-54 TRANSISTOR 2SA1175 R1498 1-249-434-11 CARBON 27K 5% 1/4W Q1458 8-729-117-54 TRANSISTOR 2SA1175 R1499 1-249-429-11 CARBON Q1459 8-729-117-54 TRANSISTOR 2SA1175 Q1460 8-729-178-54 TRANSISTOR 2SC2785 ****************** Q1461 8-729-117-54 TRANSISTOR 2SA1175 *A-1135-476-A B1 (B) BOARD, COMPLETE Q1462 8-729-178-54 TRANSISTOR 2SC2785 ****** Q1463 8-729-117-54 TRANSISTOR 2SA1175 (INCLUDING B2 BOARD) CONNECTOR Q1464 8-729-178-54 TRANSISTOR 2SC2785 *1-566-057-11 PIN, CONNECTOR 5P *1-566-057-11 PIN, CONNECTOR 5P *1-566-055-11 PIN, CONNECTOR 3P 01465 8-729-117-54 TRANSISTOR 2SA1175 Q1466 8-729-178-54 TRANSISTOR 2SC2785 1 B2 01467 8-729-178-54 TRANSISTOR 2SC2785 *1-566-056-11 PIN, CONNECTOR 4P *1-566-054-11 PIN, CONNECTOR 2P 1 R4 RESISTOR 4.7K 5% 1/4W 1.5K 5% 1/4W 47 5% 1/4W R1361 1-249-425-11 CARBON | B6 | B7 *1-566-055-11 PIN, CONNECTOR 3P R1362 1-249-419-11 CARBON *1-566-056-11 PIN, CONNECTOR 4P R1363 1-249-401-11 CARBON

PVM-2530 PVM-2530 RM-739 RM-739

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Ref.No. Part No.	Description	Remark	Ref.No. Part No.	Description		Remark	Ref.No.	Part No.	Description		Remar	Ref.No. Part No.	Description		Remark
B11 *1-566-054-11 B12 *1-566-059-11 B13 *1-566-054-11	PIN, CONNECTOR 3P PIN, CONNECTOR 2P PIN, CONNECTOR 7P PIN, CONNECTOR 2P PIN, CONNECTOR 11P		C137	ELECT 100MF ELECT 10MF ELECT 100MF	20% 20% 20% 20% 20%	10V 10V 16V 10V 16V	C335 C401 C402 C403 C404	1-102-887-00 1-123-330-00 1-124-360-00 1-102-125-00 1-123-447-00	ELECT ELECT CERAMIC	1000MF 20 0.0047MF 10	0% 16V 0% 16V	· 1	ELECT 33MF IMMER		50V 16V
B16 *1-566-059-11 B17 *1-566-063-11 B18 *1-566-059-11	O 3P PLUG (M) L PIN, CONNECTOR 7P L PIN, CONNECTOR 11P L PIN, CONNECTOR 7P L PIN, CONNECTOR 10P	same same	C142	MYLAR 0.0022 MYLAR 0.0022 ELECT 330MF	MF 10%	50V 100V 100V 10V	C405 C406 C407 C409 C410	1-102-129-00 1-123-447-00 1-123-356-00 1-102-945-00 1-102-074-00	ELECT ELECT CERAMIC	0.22MF 20 10MF 20 8PF 0	0% 50V 0% 50V 0% 16V .5PF 50V 0% 50V	D101	ODE DIODE RD6.8ES-B DIODE RD6.8ES-B		
820 *1-566-054-11 821 *1-566-054-11 822 *1-508-784-00 823 *1-508-784-00 824 *1-508-784-00) 1P PLUG		C147	ELECT 100MF CERAMIC 0.047M CERAMIC 0.047M		10V 10V 50V 50V 10V		1-123-379-00 1-123-379-00 1-123-330-00 1-124-284-00 1-123-381-00	ELECT ELECT ELECT	0.47MF 20 22MF 20 10MF 20	0% 50V 0% 50V 0% 16V 0% 16V 0% 50V	D104			
C101 1-124-446-11 C102 1-101-006-00 C103 1-101-006-00	APACITOR L ELECT 47MF 2 D CERAMIC 0.047MF D CERAMIC 0.047MF	20% 10V 50V 50V	C152 1-124-443-00 C153 1-101-006-00 C154 1-101-006-00 C155 1-102-074-00 C156 1-101-006-00	CERAMIC 0.047M CERAMIC 0.047M CERAMIC 0.001M	F F 10%	10V 50V 50V 50V 50V	C418 C419 C420 C421 C423	1-123-318-00 1-124-463-00 1-124-963-11 1-124-477-11 1-102-942-00	ELECT ELECT ELECT	0.1MF 20 33MF 20 47MF 20	0% 16V 0% 50V 0% 16V 0% 16V 0.5PF 50V	D108 A.8-719-921-20 D109	DIODE 1SS119TD DIODE 1SS119		
C104 1-124-471-00 C105 1-108-845-00 C106 1-102-963-00 C107 1-102-963-00	D MYLAR 0.047MF 1 D CERAMIC 33PF 5 D CERAMIC 33PF 5	20% 6.3V 10% 50V 5% 50V 5% 50V	C157 1-101-006-00 C158 1-101-006-00 C159 1-101-006-00 C160 1-102-129-00	CERAMIC 0.047M CERAMIC 0.047M CERAMIC 0.01MF	F F 10%	50V 50V 50V 50V	C440 C441 C442	1-123-356-00 1-124-270-11 1-124-477-11 1-123-381-00	ELECT ELECT ELECT	10MF 20 0.47MF 20 47MF 20	0% 16V 0% 50V 0% 16V 0% 50V	D120	DIODE RD13ES-B DIODE RD6.2ES-B DIODE RD6.2ES-B	ada _{na} Sajah	
C108 1-102-978-00 C109 1-102-038-00 C110 1-102-038-00 C111 1-108-837-00	O CERAMIC 0.001MF O CERAMIC 0.001MF	5% 50V 500V 500V 10% 50V	C161 1-102-129-00 C162 1-108-837-00 C163 1-123-356-00 C165 1-124-443-00	MYLAR 0.01MF ELECT 10MF ELECT 100MF	10%	50V 50V 16V 10V	C445	1-102-129-00 1-124-478-11 1-123-379-00 1-102-973-00	ELECT	100MF 2	0% 50V 0% 25V 50V 50V	D401 8-719-911-19 D402 8-719-911-19	DIODE RD6.2ES-B DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		
C112 1-126-105-11 C113 1-123-356-00 C114 1-124-360-00 C115 1-108-837-00	DELECT 10MF 2 DELECT 1000MF 2	20% 35V 20% 16V 20% 16V 10% 50V	C302 1-123-356-00 C303 1-123-356-00 C302 1-102-961-00 C303 1-123-356-00	ELECT 10ME. CERAMIC 27PF	20% 20% 5% 20%	16V 16V 50V 16V	C1302 C1303	1-123-330-00 1-124-963-11 1-123-380-00 1-101-006-00	ELECT ELECT	22MF 29 33MF 29	0% 16V 0% 16V 0% 50V 50V	D441	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		
C116 1-124-444-00 C117 1-102-038-00 C118 1-123-360-00 C119 1-123-356-00	CERAMIC 0.001MF CELECT 100MF 2 CELECT 10MF 2	20% 10V 500V 20% 50V 20% 50V	C304 1-102-971-00 C305 1-102-971-00 C306 1-123-380-00	CERAMIC 82PF CERAMIC 82PF ELECT 1MF	5% 5% 20%	50V 50V 50V	C1305 C1306 C1307	1-106-367-00 1-102-971-00 1-124-284-00	MYLAR CERAMIC ELECT	0.01MF 11 82PF 5 10MF 2	0% 100V % 50V 0% 16V	D470	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		
C120 1-123-356-00 C121 1-123-318-00 C122 1-123-356-00 C123 1-101-006-00	0 ELECT 33MF 2 0 ELECT 10MF 2 0 CERAMIC 0.047MF	20% 50V 20% 16V 20% 16V 50V	C307	CERAMIC 220PF ELECT 22MF CERAMIC 82PF	20% 5% 20% 5% 0.5PF	50V 50V 16V 50V	C1309 C1310 C1311	1-101-006-00 1-102-129-00 1-124-477-11 1-123-356-00 1-123-369-00	CERAMIC ELECT S ELECT	47MF 2 10MF 2	50V 0% 50V 0% 16V 0% 16V 0% 50V	D473	DIODE 1SS119		
C124 1-123-380-00 C125 1-123-380-00 C126 1-123-380-00 C127 1-123-380-00	D ELECT 1MF 2	20% 50V 20% 50V 20% 50V 20% 50V	C317 1-102-858-00 C318 1-123-380-00 C320 1-123-356-00 C321 1-102-888-00	CERAMIC 10PF ELECT 1MF ELECT 10MF	0.5PF 20% 20%	50V 50V 16V	C1331 C1333 C1336	1-124-621-11 1-108-617-91 1-108-618-91	ELECT MYLAR MYLAR	3300MF 2 0.0018MF 1 0.0022MF 1	0% 6.3V 0% 100V 0% 100V	D1302	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		
C128 1-123-380-00 C129 1-101-006-00 C130 1-101-006-00	D ELECT 1MF 2 D CERAMIC 0.047MF	20% 50V 20% 50V 50V 50V 600 50V	C324 1-102-868-00 C324 1-101-006-00 C325 1-102-973-00 C326 1-123-380-00	CERAMIC 0.047M CERAMIC 100PF	5% F 10 11 11 1 5%	50V 50V 50V	C1339 C1340	1-124-478-11 1-124-120-11 1-123-380-00 1-123-380-00	ELECT ELECT	220MF 2 1MF 2	0% 25 V 0% 16 V 0% 50 V 0% 50 V	D1330 8-719-102-14 D1331 8-719-911-19 D1332 8-719-109-89 D1401 8-719-911-19 D1402 8-719-911-19	DIODE 155119 DIODE RD5.1ES-B2 DIODE 155119		
C131 1-123-380-00 C132 1-123-380-00 C133 1-123-380-00 C134 1-123-380-00) BLECT	20% 50V 20% 50V 20% 50V 20% 50V	C327 1-102-820-00 C329 1-102-971-00 C330 1-102-971-00	CERAMIC 330PF CERAMIC 82PF CERAMIC 82PF	5% 5% 5%	50V 50V 50V	C1342 C1343 C1344	1-108-630-91 1-136-165-00 1-102-973-00	MYLAR FILM CERAMIC	0.022MF 1 0.1MF 5 100PF 5	0% 100V % 50V % 50V	1	ELAY LINE		
C135 1-123-379-00 C136 1-101-006-00		20% 50V 	C331 1-123-356-00 C332 1-101-006-00 C333 1-123-356-00	CERAMIC 0.047M	20% F 20%	16V 50V 16V	C1401	1-106-359-00 1-102-074-00 1-124-477-11	CERAMIC	0.001MF 1	0% 100V 0% 50V 0% 16V	DL302A 1-415-530-1	L DELAY LINE, Y		
									3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1	till 1994. Eller og er skala	A CONTRACTOR				

The components identified by shading and mark Aare critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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22K 5%

1/4W

*1-566-054-11 PIN, CONNECTOR 2P

*1-508-766-00 4P PLUG (M)

Ref.No. Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
IC			0113	8-729-113-32	TRANSISTOR 2SB733	
			0115	8-729-900-36	TRANSISTOR DTC124ES	
IC101 8-759-105-89	IC UPD7508HCU-222		0116	8-729-117-54	TRANSISTOR 2SA1175	
	IC UPD6250C		0117	8-729-178-54	TRANSISTOR 2SC2785	
IC103A 8-759-102-28	IC UPD6326C		0301		TRANSISTOR 2SC2785	
	IC UPD8243C		1 4002	0 723-170-54	TRANS1510K 23C2765	
IC105 8-759-104-05	IC UPD6325C		0302	8-729-178-54	TRANSISTOR 2SC2785	
			0303	8-729-178-54	TRANSISTOR 2SC2785	
IC106 8-759-207-07	IC TD62381P		0304	8-729-117-54	TRANSISTOR 2SA1175	
IC107 8-759-207-07	IC TD62381P		0305	8-729-117-54	TRANSISTOR 2SA1175	
IC108A8-759-108-05	IC UPC78L05A		0306		TRANSISTOR 2SC2785	
	IC UPC7805H		Ì			
IC110 8-759-140-66	IC UPD4066BC		0307	8-729-178-54	TRANSISTOR 2SC2785	
			0308	8-729-178-54	TRANSISTOR 2SC2785	
	IC CX20125		0309	8-729-178-54	TRANSISTOR 2SC2785	
	IC CX848		0313	8-729-178-54	TRANSISTOR 2SC2785	
IC1301A 8-759-171-12	IC UPC7812H		Q314		TRANSISTOR 2SC2785	
A STATE OF THE STA			1			
JACK			Q315	8-729-900-36	TRANSISTOR DTC124ES	
1001 11 777 777	U		Q316	8-729-178-54	TRANSISTOR 2SC2785	
J201 *1-564-529-11 (CONNECTOR, BOARD TO BOARD 5P		Q317	8-729-117-54	TRANSISTOR 2SAl175	
4			Q318	8-729-178-54	TRANSISTOR 2SC2785	
COIL			Q322	8-729-600-12	TRANSISTOR 2SK108	
1101 1 407 700 00	THRUSTON 100mm					
	INDUCTOR 180UH		Q323	8-729-600-12	TRANSISTOR 2SK108	
	INDUCTOR 180UH		Q324	8-729-178-54	TRANSISTOR 2SC2785	
	INDUCTOR 180UH		Q325	8-729-178-54	TRANSISTOR 2SC2785	
	INDUCTOR 180UH		Q326	8-729-178-54	TRANSISTOR 2SC2785	
L105 1-408-618-00	INDUCTOR 180UH		Q327	8-729-178-54	TRANSISTOR 2SC2785	
L106 1-408-618-00	INDUCTOR 180UH		1 0220	0 700 170 54	TRANSISTOR OCCORDO	
	INDUCTOR 1800H		0328	8-729-178-54	TRANSISTOR 2SC2785	
	COIL, VARIABLE 22UH		Q329	8-729-117-54	TRANSISTOR 2SAl175	
	INDUCTOR 18UH			8-729-101-36	TRANSISTOR 2SC2785TP-H	Birth.
	INDUCTOR 15UH		Q441	8-729-117-54	TRANSISTOR 2SA1175	
2304 1-400-411-00	INDUCTOR 150H		Q442	8-729-178-54	TRANSISTOR 2SC2785	
L306 1-408-417-00	INDUCTOR 47UH		0443	8-729-178-54	TRANSISTOR 256270F	
	INDUCTOR 18UH		0444	8-729-117-54	TRANSISTOR 2SC2785	
	COIL 3.58MHZ TRAP		0445	8-729-117-54	TRANSISTOR 2SA1175	
	INDUCTOR 15UH		0446	8-729-117-54	TRANSISTOR 2SA1175	
	INDUCTOR 1.2UH		0447	8-729-178-54	TRANSISTOR 2SC2785	
	1,2011		1 4747	0-729-170-34	TRANSISTOR 2SC2785	
L402 1-408-592-11	INDUCTOR 1.2UH		0448	8-729-178-54	TRANSISTOR 2SC2785	
	INDUCTOR 1.2UH		0449	8-729-117-54	TRANSISTOR 2SA1175	
	INDUCTOR 2.7MMH		0450	8-729-178-54	TRANSISTOR 2SC2785	
	COIL, SPOOK CHOKE 3.3UH		0451	8-729-117-54	TRANSISTOR 2SA1175	
			0452	8-729-178-54	TRANSISTOR 2SC2785	
TRANS	SISTOR					
	The same of the same		Q453	8-729-117-54	TRANSISTOR 2SA1175	
	TRANSISTOR 2SAl175		0454	8-729-117-54	TRANSISTOR 2SA1175	
	TRANSISTOR 2SAl175		0470	8-729-117-54	TRANSISTOR 2SA1175	
Q103 8-729-178-54	TRANSISTOR 2SC2785		Q471	8-729-178-54	TRANSISTOR 2SC2785	
Q104 8-729-178-54 1	TRANSISTOR 2SC2785		Q472	8-729-178-54	TRANSISTOR 2SC2785	
Q105 8-729-178-54 T	TRANSISTOR 2SC2785		1	HEY! IN	Market State of the State of th	
and the state of			Q473	8-729-178-54	TRANSISTOR 2SC2785	
	TRANSISTOR 2SA1175		I Q474	8-729-178-54	TRANSISTOR 2SC2785	
	TRANSISTOR 2SC2785		Q475	8-729-178-54	TRANSISTOR 2SC2785	
	TRANSISTOR 2SC2785		Q476	8-729-178-54	TRANSISTOR 2SC2785	
	TRANSISTOR 2SC2785		Q1301	8-729-178-54	TRANSISTOR 2SC2785	
Q110 A.8-729-101-54	TRANSISTOR 2SA1175TP-F		1		1000	
0111 0 702 117 5	1		Q1302	8-729-117-54	TRANSISTOR 2SAl175	
	TRANSISTOR 2SAl175		Q1303		TRANSISTOR 2SC2785	
Q112 8-729-178-54 1	TRANSISTOR 2SC2785		Q1304	8-729-178-54	TRANSISTOR 2SC2785	

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

Ref. No. Part No. Description Remark Ref. No. Part No. Description Remark Remark Ref. No. Part No. Description Remark Ref. No. Part No. Description Remark Ref. No. Part No. Remark Ref. No. Part No. Remark Ref. No. Part No. Remark Ref. No. Part No. Remark Ref. No. Part No. Remark Ref. No. Part No. Remark Ref. No. Part No.															
0.100 8-729-178-54 TRANSISTOR 25C2785 R121 1-247-739-11 CARBON 1.00 5x 1/4W F 1.000 1.001	Ref.No.	Part No.	Description	1			Remark	Ref.No.	Part No.	Description				Remark	
0.100 8-729-178-54 TRANSISTOR 25C2785 R121 1-247-739-11 CARBON 1.00 5x 1/4W F 1.000 1.001	01305	9 720 179 54	TDANSISTOR	2502705				I p120	1 240 202 11	CARRON	1 2	Ed	1 ///	-	
01307 8-729-178-54 TRANSISTOR 25C2785 R122 1-249-389-11 CARBON 4.7 5x 1/4w F 10308 8-729-178-54 TRANSISTOR 25C2785 R123 1-249-424-11 CARBON 3.95 5x 1/4w F 10318 8-729-178-54 TRANSISTOR 25C1785 R124 1-249-469-11 CARBON 3.95 5x 1/4w F 10318 8-729-178-54 TRANSISTOR 25C1785 R126 1-249-435-11 CARBON 3.05 5x 1/4w F 10318 8-729-178-54 TRANSISTOR 25C1785 R126 1-249-435-11 CARBON 3.05 5x 1/4w 10338 8-729-178-54 TRANSISTOR 25C1785 R129 1-249-421-11 CARBON 3.05 5x 1/4w 10338 8-729-178-54 TRANSISTOR 25C1785 R129 1-249-421-11 CARBON 2.25 5x 1/4w 10338 8-729-178-54 TRANSISTOR 25C1785 R129 1-249-421-11 CARBON 2.25 5x 1/4w 10408 8-729-117-54 TRANSISTOR 25C1785 R130 1-249-421-11 CARBON 2.25 5x 1/4w 10408 8-729-117-54 TRANSISTOR 25C175 R134 1-249-421-11 CARBON 2.25 5x 1/4w 10408 8-729-117-54 TRANSISTOR 25C175 R135 1-249-421-11 CARBON 2.25 5x 1/4w 10408 8-729-117-54 TRANSISTOR 25C175 R135 1-249-421-11 CARBON 2.25 5x 1/4w 10409 8-729-117-54 TRANSISTOR 25C1175 R135 1-249-421-11 CARBON 2.25 5x 1/4w 10409 8-729-117-54 TRANSISTOR 25C1175 R135 1-249-421-11 CARBON 2.25 5x 1/4w 10409 8-729-117-54 TRANSISTOR 25C1175 R135 1-249-421-11 CARBON 2.25 5x 1/4w 10409 8-729-117-54 TRANSISTOR 25C1175 R135 1-249-421-11 CARBON 2.25 5x 1/4w 10409 8-729-117-54 TRANSISTOR 25C1175 R136 1-249-421-11 CARBON 2.25 5x 1/4w 10409 8-729-117-54 TRANSISTOR 25C1175 R136 1-249-421-11 CARBON 2.25 5x 1/4w 10409 8-729-117-54 TRANSISTOR 25C1175 R145 1-249-421-11 CARBON 2.25 5x 1/4w 10409 8-729-117-54 TRANSISTOR 25C1175 R145 1-249-421-11 CARBON 2.25 5x 1/4w 10409 8-729-117-54 TRANSISTOR 25C1175 R145 1-249-421-11 CARBON 2.25 5x 1/4w 10418 8-729-117-54 TRANSISTOR 25C1175 R145 1-249-421-11 CARBON 2.25 5x 1/4w 10418 8-729-117-54 TRANSISTOR 25C1175 R146 1-249															
10130 8-729-178-54 TRANSISTOR 252C795 R123 1-249-42-11 CARBON 3,9K 5X 1/4W															
0.131 0.729-117-54 TRANSISTOR 25A1175 R124 1.249-421-11 CARBON 1.00x 5x 1/4W 1.00x														F	
1330 8-729-117-54 TRANSISTOR 25A1175 R126 1-249-435-11 CARBON 22K 5% 1/4W 1331 8-729-178-54 TRANSISTOR 25A1175 R128 1-249-435-11 CARBON 33K 5% 1/4W 1334 8-729-117-54 TRANSISTOR 25A1175 R128 1-249-435-11 CARBON 100 5% 1/4W 1334 8-729-117-54 TRANSISTOR 25A1175 R128 1-249-421-11 CARBON 100 5% 1/4W 1334 8-729-117-54 TRANSISTOR 25A1175 R128 1-249-421-11 CARBON 12K 5% 1/4W 1404 8-729-117-54 TRANSISTOR 25A1175 R131 1-249-421-11 CARBON 12K 5% 1/4W 1404 8-729-117-54 TRANSISTOR 25A1175 R132 1-249-417-11 CARBON 1 K 5% 1/4W 1404 8-729-117-54 TRANSISTOR 25A1175 R132 1-249-417-11 CARBON 1 K 5% 1/4W 1404 8-729-117-54 TRANSISTOR 25A1175 R134 1-249-421-11 CARBON 1 K 5% 1/4W 1405 8-729-117-54 TRANSISTOR 25A1175 R134 1-249-421-11 CARBON 1 K 5% 1/4W 1406 8-729-117-54 TRANSISTOR 25A1175 R135 1-249-421-11 CARBON 2 CK 5% 1/4W 1406 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2 CK 5% 1/4W 1406 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2 CK 5% 1/4W 1409 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2 CK 5% 1/4W 1409 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2 CK 5% 1/4W 1409 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2 CK 5% 1/4W 1410 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2 CK 5% 1/4W 1410 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2 CK 5% 1/4W 1411 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2 CK 5% 1/4W 1412 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2 CK 5% 1/4W 1414 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2 CK 5% 1/4W 1416 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2 CK 5% 1/4W 1416 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2 CK 5% 1/4W 1416 8-729-117-54 TRANSISTOR 25A1175 R146										CARBON		5%	1/4W		
0.1313	Q1311	8-729-117-54	TRANSISTOR	2SA1175				R124	1-249-469-11	CARBON	100K	5%	1/4W		
0.1313	01000	0 700 117 54													
0.1332 8-729-117-54 TRANSISTOR 25A1175 R128 1-249-421-11 CARBON 10.0										CARBON	22K	5%	1/4W		
0.1334 8-729-117-54 TRANSISTOR 25A1175 R130 1-247-706-11 CARBON 2,2 k 5% 1/4M									1-249-435-11	CARBON	33K	5%	1/4W		
1401 8-729-117-54 TRANSISTOR 25A1175 R130 1-247-706-11 CARBON 330 5% 1/4M 1402 8-729-117-54 TRANSISTOR 25A1175 R131 1-249-417-11 CARBON 1K 5% 1/4M 1403 8-729-117-54 TRANSISTOR 25A1175 R132 1-249-417-11 CARBON 1K 5% 1/4M 1404 8-729-117-54 TRANSISTOR 25A1175 R133 1-249-421-11 CARBON 2,2K 5% 1/4M 1406 8-729-117-54 TRANSISTOR 25A1175 R134 1-249-421-11 CARBON 2,2K 5% 1/4M 1406 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2,2K 5% 1/4M 1408 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2,2K 5% 1/4M 1409 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2,2K 5% 1/4M 1410 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2,2K 5% 1/4M 1411 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2,2K 5% 1/4M 1412 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R148 1-247-88-00 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R148 1-247-88-00 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R148 1-249-421-11 CARBON 2,2K 5% 1/4M 1414 8-729-117-54 TRANSISTOR 25A1175 R148 1-249-	Q1332	8-729-117-54	TRANSISTOR	2SA1175				R128	1-249-405-11	CARBON	100	5%	1/4W		
01304 8-729-117-54 TRANSISTOR 25A1175 R130 1-247-706-11 CARBON 1K 5% 1/4M 01401 8-729-117-54 TRANSISTOR 25A1175 R131 1-249-417-11 CARBON 1K 5% 1/4M 01402 8-729-117-54 TRANSISTOR 25A1175 R133 1-249-417-11 CARBON 1K 5% 1/4M 01403 8-729-117-54 TRANSISTOR 25A1175 R133 1-249-421-11 CARBON 2, 2K 5% 1/4M 01406 8-729-117-54 TRANSISTOR 25A1175 R134 1-249-421-11 CARBON 2, 2K 5% 1/4M 01406 8-729-117-54 TRANSISTOR 25A1175 R134 1-249-421-11 CARBON 2, 2K 5% 1/4M 01408 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2, 2K 5% 1/4M 01409 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2, 2K 5% 1/4M 01409 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2, 2K 5% 1/4M 01410 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2, 2K 5% 1/4M 01410 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2, 2K 5% 1/4M 01411 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2, 2K 5% 1/4M 01412 8-729-117-54 TRANSISTOR 25A1175 R143 1-249-421-11 CARBON 2, 2K 5% 1/4M 01413 8-729-117-54 TRANSISTOR 25A1175 R143 1-249-421-11 CARBON 2, 2K 5% 1/4M 01414 8-729-117-54 TRANSISTOR 25A1175 R143 1-249-421-11 CARBON 2, 2K 5% 1/4M 01416 8-729-117-54 TRANSISTOR 25A1175 R144 1-249-421-11 CARBON 2, 2K 5% 1/4M 01416 8-729-117-54 TRANSISTOR 25A1175 R144 1-249-421-11 CARBON 2, 2K 5% 1/4M 01418 8-729-117-54 TRANSISTOR 25A1175 R148 1-249-421-11 CARBON 2, 2K 5% 1/4M 01419 8-729-117-54 TRANSISTOR 25A1175 R148 1-249-421-11 CARBON 2, 2K 5% 1/4M 01410 8-729-117-54 TRANSISTOR 25A1175 R148 1-249-421-11 CARBON 2, 2K 5% 1/4M 0142 8-729-117-55 TRANSISTOR 25A1175 R148 1-249-421-11 CARBON 2, 2K 5% 1/4M 0142 8-729-117-	Q1333	8-729-117-54	TRANSISTOR	2SA1175				R129	1-249-421-11	CARBON	2.2K	5%	1/4W		
1401 8-729-117-54 TRAMSISTOR 25A1175 R131 1-249-417-11 CARBON 1K 5% 1/4W 1402 8-729-117-55 TRAMSISTOR 25A1175 R132 1-249-417-11 CARBON 1K 5% 1/4W 1403 8-729-117-54 TRAMSISTOR 25A1175 R133 1-249-421-11 CARBON 2.2K 5% 1/4W 1404 8-729-117-54 TRAMSISTOR 25A1175 R134 1-249-421-11 CARBON 2.2K 5% 1/4W 1405 8-729-117-54 TRAMSISTOR 25A1175 R134 1-249-421-11 CARBON 2.2K 5% 1/4W 1406 8-729-117-54 TRAMSISTOR 25A1175 R136 1-249-421-11 CARBON 2.2K 5% 1/4W 1407 8-729-117-54 TRAMSISTOR 25A1175 R136 1-249-421-11 CARBON 2.2K 5% 1/4W 1408 8-729-117-54 TRAMSISTOR 25A1175 R136 1-249-421-11 CARBON 2.2K 5% 1/4W 1409 8-729-117-54 TRAMSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W 1411 8-729-117-54 TRAMSISTOR 25A1175 R141 1-249-421-11 CARBON 2.2K 5% 1/4W 1411 8-729-117-54 TRAMSISTOR 25A1175 R141 1-249-421-11 CARBON 2.2K 5% 1/4W 1411 8-729-117-54 TRAMSISTOR 25A1175 R141 1-249-421-11 CARBON 2.2K 5% 1/4W 1412 8-729-117-54 TRAMSISTOR 25A1175 R144 1-247-710-11 CARBON 2.2K 5% 1/4W 1414 8-729-117-54 TRAMSISTOR 25A1175 R145 1-249-421-11 CARBON 2.2K 5% 1/4W 1416 8-729-117-54 TRAMSISTOR 25A1175 R145 1-249-421-11 CARBON 2.2K 5% 1/4W 1416 8-729-117-54 TRAMSISTOR 25A1175 R145 1-249-421-11 CARBON 2.2K 5% 1/4W 1418 8-729-117-54 TRAMSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W 1419 8-729-117-54 TRAMSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W 1419 8-729-117-54 TRAMSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W 1419 8-729-117-54 TRAMSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W 1419 8-729-117-54 TRAMSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W 1419 8-729-117-54 TRAMSISTOR 25A1175 R146 1-2	Q1334	8-729-117-54	TRANSISTOR	2SA1175				R130	1-247-706-11						
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Q1403 8-729-117-54 TRANSISTOR 25A1175 R134 1-249-421-11 CARBON 2.2K 5% 1/4W Q1406 8-729-117-54 TRANSISTOR 25A1175 R135 1-249-421-11 CARBON 2.2K 5% 1/4W Q1406 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2.2K 5% 1/4W Q1407 8-729-117-54 TRANSISTOR 25A1175 R136 1-249-421-11 CARBON 2.2K 5% 1/4W Q1408 8-729-117-54 TRANSISTOR 25A1175 R138 1-249-421-11 CARBON 2.2K 5% 1/4W Q1410 8-729-117-54 TRANSISTOR 25A1175 R138 1-249-421-11 CARBON 2.2K 5% 1/4W Q1410 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2.2K 5% 1/4W Q1410 8-729-117-54 TRANSISTOR 25A1175 R141 1-249-421-11 CARBON 2.2K 5% 1/4W Q1412 8-729-117-54 TRANSISTOR 25A1175 R143 1-249-421-11 CARBON 2.2K 5% 1/4W Q1413 8-729-117-54 TRANSISTOR 25A1175 R143 1-249-421-11 CARBON 2.2K 5% 1/4W Q1414 8-729-117-54 TRANSISTOR 25A1175 R143 1-249-421-11 CARBON 2.2K 5% 1/4W Q1414 8-729-117-54 TRANSISTOR 25A1175 R145 1-249-421-11 CARBON 2.2K 5% 1/4W Q1416 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANS	Q1401							R131	1-249-417-11	CARBON	1K	5%	1/4W		
Oldon 8-729-117-54 TRANSISTOR 25A1175 R133 1-249-421-11 CARBON 2.2K 5% 1/4W	Q1402	8-729-117-54	TRANSISTOR	2 SA1175				R132	1-249-417-11	CARBON	1K	5%	1/4W		
Q1404 8-729-117-54 TRANSISTOR 25A1175 R134 1-249-421-11 CARBON 2.2K 5% 1/4W	Q1403	8-729-117-54	TRANSISTOR	2SA1175			-	I R133	1-249-421-11	CARBON	2.2K	5%	1/4W		
Q1406 8-729-117-54 TRANSISTOR 2SA1175 R135 1-249-421-11 CARBON 2.2K 5X 1/4W Q1406 8-729-117-54 TRANSISTOR 2SA1175 R136 1-249-421-11 CARBON 2.2K 5X 1/4W Q1407 8-729-117-54 TRANSISTOR 2SA1175 R138 1-249-421-11 CARBON 2.2K 5X 1/4W Q1409 8-729-117-54 TRANSISTOR 2SA1175 R138 1-249-421-11 CARBON 2.2K 5X 1/4W Q1410 8-729-117-54 TRANSISTOR 2SA1175 R141 1-249-421-11 CARBON 2.2K 5X 1/4W Q1411 8-729-117-54 TRANSISTOR 2SA1175 R141 1-249-421-11 CARBON 2.2K 5X 1/4W Q1411 8-729-117-54 TRANSISTOR 2SA1175 R144 1-249-421-11 CARBON 2.2K 5X 1/4W Q1413 8-729-117-54 TRANSISTOR 2SA1175 R144 1-249-421-11 CARBON 2.2K 5X 1/4W Q1414 8-729-117-54 TRANSISTOR 2SA1175 R144 1-249-421-11 CARBON 2.2K 5X 1/4W Q1415 8-729-117-54 TRANSISTOR 2SA1175 R146 1-249-421-11 CARBON 2.2K 5X 1/4W Q1416 8-729-117-54 TRANSISTOR 2SA1175 R146 1-249-421-11 CARBON 2.2K 5X 1/4W Q1418 8-729-117-54 TRANSISTOR 2SA1175 R149 1-249-421-11 CARBON 2.2K 5X 1/4W Q1418 8-729-117-54 TRANSISTOR 2SA1175 R149 1-249-421-11 CARBON 2.2K 5X 1/4W Q1418 8-729-117-54 TRANSISTOR 2SA1175 R149 1-249-421-11 CARBON 560 5X 1/4W Q1418 8-729-117-54 TRANSISTOR 2SA1175 R149 1-249-421-11 CARBON 560 5X 1/4W Q1418 8-729-117-54 TRANSISTOR 2SA1175 R149 1-249-421-11 CARBON 2.2K 5X 1/4W Q1419 8-729-117-54 TRANSISTOR 2SA1175 R149 1-249-421-11 CARBON 2.2K 5X 1/4W Q1410 8-729-117-54 TRANSISTOR 2SA1175 R149 1-249-421-11 CARBON 2.2K 5X 1/4W Q1418 8-729-117-54 TRANSISTOR 2SA1175 R149 1-249-421-11 CARBON 2.2K 5X 1/4W Q1418 8-729-117-54 TRANSISTOR 2SA1175 R149 1-249-421-11 CARBON 2.2K 5X 1/4W Q1418 8-729-117-54 TRANSISTOR 2SA1175 R149 1-249-421-11 CARBON 2.2K 5X 1/4W Q1418 8-729-117-54	Q1404	8-729-117-54	TRANSISTOR	2SA1175				I R134	1-249-421-11	CARBON					
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Q1412 8-729-117-54 TRANSISTOR 25A1175 R144 1-247-10-11 CARBON 2.2K 5% 1/4W Q1415 8-729-117-54 TRANSISTOR 25A1175 R144 1-247-10-11 CARBON 565 5% 1/4W Q1415 8-729-117-54 TRANSISTOR 25A1175 R145 1-249-421-11 CARBON 2.2K 5% 1/4W Q1415 8-729-117-54 TRANSISTOR 25A1175 R145 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R149 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R149 1-249-421-11 CARBON 560 5% 1/4W Q1418 8-729-175-54 TRANSISTOR 25A1175 R149 1-249-421-11 CARBON 550 5% 1/4W Q1418 8-729-175-54 TRANSISTOR 25A1175 R149 1-247-883-00 CARBON 150K 5% 1/4W Q1420 8-729-175-54 TRANSISTOR 25A1175 R151 1-249-42-11 CARBON 2.7K 5% 1/4W Q1421 8-729-600-12 TRANSISTOR 25A1175 R151 1-249-42-11 CARBON 2.7K 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 25C2785 R153 1-249-42-11 CARBON 2.2K 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 25C2785 R153 1-249-42-11 CARBON 2.2K 5% 1/4W R151 1-249-395-11 CARBON 2.2K 5% 1/4W R151 1-249-395-11 CARBON 2.2K 5% 1/4W R151 1-249-395-11 CARBON 2.2K 5% 1/4W R151 1-249-395-11 CARBON 2.2K 5% 1/4W R151 1-249-441-11 CARBON 2.2K 5% 1/4W R151 1-249-441-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CARBON 2.2K 5% 1/4W R151 1-249-397-11 CAR	42120	0 /23 11/ 0/	11/11/515101	LJ/III					1-243-421-11	CARDON	C . CIN	3/6	1/4W		
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Q1413 8-729-117-54 TRANSISTOR 2SA1175 R144 1-247-710-11 CARBON 2.0	01412	8-729-117-54													
Q1414 8-729-117-54 TRANSISTOR 25A1175 R145 1-249-421-11 CARBON 2.2k 5% 1/4W Q1416 8-729-117-54 TRANSISTOR 25A1175 R146 1-249-421-11 CARBON 2.2k 5% 1/4W Q1416 8-729-117-54 TRANSISTOR 25A1175 R148 1-249-421-11 CARBON 2.2k 5% 1/4W Q1416 8-729-117-54 TRANSISTOR 25A1175 R148 1-249-421-11 CARBON 5.60 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R148 1-249-421-11 CARBON 5.60 5% 1/4W Q1419 8-729-178-54 TRANSISTOR 25C785 R150 1-249-422-11 CARBON 2.7k 5% 1/4W Q1420 8-729-178-54 TRANSISTOR 25A1175 R151 1-249-422-11 CARBON 2.7k 5% 1/4W Q1421 8-729-600-12 TRANSISTOR 25A1175 R151 1-249-421-11 CARBON 2.7k 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 25C785 R150 R153 1-249-421-11 CARBON 2.7k 5% 1/4W Q1421 8-729-180-18 TRANSISTOR 25C785 R150 R153 1-249-421-11 CARBON 2.2k 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 25C785 R155 R155 1-249-421-11 CARBON 2.2k 5% 1/4W Q1421 8-729-180-18 TRANSISTOR 25C785 R150 R153 1-249-421-11 CARBON 2.2k 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 25C785 R150 R153 1-249-421-11 CARBON 2.2k 5% 1/4W Q1421 8-729-180-54 TRANSISTOR 25C785 R150 R153 1-249-421-11 CARBON 2.2k 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 25C785 R150 R153 1-249-421-11 CARBON 2.2k 5% 1/4W Q1421 8-729-180-54 TRANSISTOR 25C785 R150 R153 R150 R153 R150 R153 R150 R153 R150 R153 R150 R153 R150 R1	01413	8-729-117-54													
Q1415 8-729-117-54 TRANSISTOR 2SA1175 R146 1-249-421-11 CARBON 2.2K 5% 1/4W Q1416 8-729-117-54 TRANSISTOR 2SA1175 R147 1-249-421-11 CARBON 2.2K 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 2SA1175 R148 1-249-411-11 CARBON 560 5% 1/4W Q1419 8-729-1178-54 TRANSISTOR 2SA1175 R149 1-247-883-00 CARBON 150K 5% 1/4W Q1420 8-729-1178-54 TRANSISTOR 2SA1175 R150 1-249-422-11 CARBON 2.7K 5% 1/4W Q1420 8-729-1178-54 TRANSISTOR 2SA1175 R150 1-249-422-11 CARBON 2.7K 5% 1/4W Q1421 8-729-600-12 TRANSISTOR 2SC2785 R150 1-249-421-11 CARBON 3.9K 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 2SC2785 R150 1-249-421-11 CARBON 2.2K 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 2SC2785 R150 1-249-421-11 CARBON 2.2K 5% 1/4W RESISTOR R153 1-249-421-11 CARBON 2.2K 5% 1/4W R101 1-249-395-11 CARBON 15 5% 1/4W R102 1-249-395-11 CARBON 15 5% 1/4W R103 1-249-441-11 CARBON 100K 5% 1/4W R155 1-249-397-11 CARBON 2.2K 5% 1/4W R104 1-249-441-11 CARBON 100K 5% 1/4W R159 1-249-397-11 CARBON 2.2 5% 1/4W R104 1-249-441-11 CARBON 82 5% 1/4W R159 1-249-397-11 CARBON 2.2 5% 1/4W R106 1-249-431-11 CARBON 82 5% 1/4W R160 1-249-397-11 CARBON 2.2 5% 1/4W R107 1-249-421-11 CARBON 2.2K 5% 1/4W R160 1-249-397-11 CARBON 2.2 5% 1/4W R108 1-249-433-11 CARBON 2.2 5% 5% 1/4W R160 1-249-397-11 CARBON 2.2 5% 1/4W R109 1-249-431-11 CARBON 2.2 5% 5% 1/4W R161 1-249-397-11 CARBON 2.2 5% 1/4W R101 1-249-427-11 CARBON 2.2 5% 5% 1/4W R161 1-249-397-11 CARBON 2.2 5% 1/4W R101 1-249-427-11 CARBON 2.2 5% 5% 1/4W R161 1-249-397-11 CARBON 2.2 5% 1/4W R101 1-249-427-11 CARBON 2.2 5% 5% 1/4W R163 1-249-397-11 CARBON 2.2 5% 1/4W R111 1-249-427-11 CARBON 2.2 5% 5% 1/4W R163 1-249-397-11 CARBON 2.2 5% 1/4W R111 1-249-427-11 CARBON 5.6 5% 1/4W R168 1-249-397-11 CARBON 2.2 5% 1/4W R111 1-249-427-11 CARBON															
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Q1417 8-729-117-54 TRANSISTOR 25A1175 R148 1-249-410-11 CARBON 560 5% 1/4W R149 R-729-117-54 TRANSISTOR 25A1175 R149 1-247-883-00 CARBON 150K 5% 1/4W R149 R-729-117-54 TRANSISTOR 25C2785 R150 1-249-422-11 CARBON 2.7K 5% 1/4W R151 R159 R15	4		71011010101	20/122.0				1 110	1-243-421-11	CANDON	C . CIN	370	1/711		
Q1417 8-729-117-54 TRANSISTOR 25A1175 R148 1-249-414-11 CARBON 560 5% 1/4W Q1418 8-729-117-54 TRANSISTOR 25A1175 R149 1-247-883-00 CARBON 150K 5% 1/4W Q1419 8-729-117-54 TRANSISTOR 25C2785 R150 1-249-422-11 CARBON 2.7K 5% 1/4W Q1420 8-729-117-54 TRANSISTOR 25A1175 R151 1-249-422-11 CARBON 2.7K 5% 1/4W Q1422 8-729-600-12 TRANSISTOR 25A1175 R151 1-249-421-11 CARBON 2.7K 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 25C2785 R153 1-249-421-11 CARBON 2.2K 5% 1/4W R154 1-249-421-11 CARBON 2.2K 5% 1/4W R154 1-249-421-11 CARBON 2.2K 5% 1/4W R155 1-249-421-11 CARBON 2.2K 5% 1/4W R152 1-249-421-11 CARBON 2.2K 5% 1/4W R102 1-249-395-11 CARBON 15 5% 1/4W R155 1-249-421-11 CARBON 2.2K 5% 1/4W R103 1-249-441-11 CARBON 15 5% 1/4W R155 1-249-397-11 CARBON 2.2 5% 1/4W R103 1-249-441-11 CARBON 100K 5% 1/4W R159 1-249-397-11 CARBON 2.2 5% 1/4W R104 1-249-40-00 CARBON 82 5% 1/4W R159 1-249-397-11 CARBON 2.2 5% 1/4W R104 1-249-401-10 CARBON 82 5% 1/4W R160 1-249-397-11 CARBON 2.2 5% 1/4W R104 1-249-421-11 CARBON 2.2 5% 1/4W R107 1-249-421-11 CARBON 2.2 5% 1/4W R109 1-249-433-11 CARBON 2.2 5% 1/4W R109 1-249-433-11 CARBON 2.2 5% 1/4W R109 1-249-433-11 CARBON 2.2 5% 1/4W R109 1-249-433-11 CARBON 2.2 5% 1/4W R101 1-249-405-11 CARBON 2.2 5% 1/4W R101 1-249-405-11 CARBON 2.2 5% 1/4W R101 1-249-405-11 CARBON 2.2 5% 1/4W R101 1-249-405-11 CARBON 2.2 5% 1/4W R101 1-249-405-11 CARBON 2.2 5% 1/4W R101 1-249-405-11 CARBON 2.2 5% 1/4W R101 1-249-405-11 CARBON 2.2 5% 1/4W R101 1-249-405-11 CARBON 2.2 5% 1/4W R101 1-249-405-11 CARBON 2.2 5% 1/4W R101 1-249-405-11 CARBON 2.2 5% 1/4W R101 1-249	Q1416	8-729-117-54	TRANSISTOR	2SA1175				R147	1-249-421-11	CARBON	2.2K	5%	1/4W		
Q1418 8-729-117-54 TRANSISTOR 2SAI175 R149 1-247-883-00 CARBON 150K 5% 1/4W R159 R150 1-249-424-11 CARBON 2.7K 5% 1/4W R159 1-249-424-11 CARBON 2.7K 5% 1/4W R159 1-249-424-11 CARBON 2.7K 5% 1/4W R165 1-249-424-11 CARBON 2.7K 5% 1/4W R159 1-249-424-11 CARBON 2.7K 5% 1/4W R159 1-249-424-11 CARBON 2.7K 5% 1/4W R159 1-249-424-11 CARBON 2.7K 5% 1/4W R159 1-249-424-11 CARBON 2.7K 5% 1/4W R159 1-249-424-11 CARBON 2.7K 5% 1/4W R159 1-249-397-11 CARBON 2.7K 5% 1/	Q1417	8-729-117-54	TRANSISTOR	2SA1175				I R148		CARBON		5%	1/4W		
Q1419 8-729-178-54 TRANSISTOR 25C2785 R150 1-249-422-11 CARBON 2.7K 5% 1/4W Q1421 8-729-178-54 TRANSISTOR 25K108 R151 1-249-424-11 CARBON 3.9K 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 25K108 R152 1-249-421-11 CARBON 2.2K 5% 1/4W Q1422 8-729-178-54 TRANSISTOR 25C2785 R153 1-249-421-11 CARBON 2.2K 5% 1/4W R152 1-249-421-11 CARBON 2.2K 5% 1/4W R154 1-249-421-11 CARBON 2.2K 5% 1/4W R101 1-249-395-11 CARBON 15 5% 1/4W R102 1-249-395-11 CARBON 15 5% 1/4W R103 1-249-41-11 CARBON 100K 5% 1/4W R104 1-249-41-11 CARBON 100K 5% 1/4W R105 1-249-404-00 CARBON 82 5% 1/4W R105 1-249-404-00 CARBON 82 5% 1/4W R106 1-249-413-11 CARBON 470 5% 1/4W R106 1-249-421-11 CARBON 2.2K 5% 1/4W R107 1-249-421-11 CARBON 2.2K 5% 1/4W R108 1-249-433-11 CARBON 2.2K 5% 1/4W R109 1-249-433-11 CARBON 2.2K 5% 1/4W R109 1-249-45-11 CARBON 2.2K 5% 1/4W R101 1-249-45-11 CARBON 2.2K 5% 1/4W R101 1-249-45-11 CARBON 2.2K 5% 1/4W R110 1-249-45-11 CARBON 2.2K 5% 1/4W R111 1-249-437-11 CARBON 2.2K 5% 1/4W R112 1-249-421-11 CARBON 2.2K 5% 1/4W R113 1-249-421-11 CARBON 2.2K 5% 1/4W R114 1-249-421-11 CARBON 2.2K 5% 1/4W R115 1-249-397-11 CARBON 2.2 5% 1/4W R116 1-249-421-11 CARBON 2.2K 5% 1/4W R117 1-249-421-11 CARBON 2.2K 5% 1/4W R118 1-249-421-11 CARBON 2.2K 5% 1/4W R119 1-249-421-11 CARBON 2.2K 5% 1/4W R111 1-249-421-11 CARBON 2.2K 5% 1/4W R111 1-249-421-11 CARBON 2.2K 5% 1/4W R111 1-249-421-11 CARBON 2.2K 5% 1/4W R112 1-249-421-11 CARBON 2.2K 5% 1/4W R113 1-249-421-11 CARBON 2.2K 5% 1/4W R114 1-249-421-11 CARBON 2.2K 5% 1/4W R115 1-249-4	Q1418	8-729-117-54	TRANSISTOR	2SA1175				I R149	1-247-883-00		150K		1/4W		
Q1420 8-729-117-54 TRANSISTOR 2SA1175 R151 1-249-424-11 CARBON 3,9K 5% 1/4W	01419	8-729-178-54													
Q1421 8-729-600-12	01420														
R152 1-249-421-11 CARBON 2.2K 5% 1/4W R155 1-249-421-11 CARBON 2.2K 5% 1/4W R155 1-249-421-11 CARBON 2.2K 5% 1/4W R155 1-249-421-11 CARBON 2.2K 5% 1/4W R156 1-247-717-11 CARBON 2.2K 5% 1/4W R151 1-249-395-11 CARBON 15 5% 1/4W R156 1-247-717-11 CARBON 2.2K 5% 1/4W R102 1-249-395-11 CARBON 15 5% 1/4W R158 1-249-397-11 CARBON 22 5% 1/4W R103 1-249-441-11 CARBON 100K 5% 1/4W R158 1-249-397-11 CARBON 22 5% 1/4W R104 1-249-441-11 CARBON 100K 5% 1/4W R159 1-249-397-11 CARBON 22 5% 1/4W R105 1-249-404-00 CARBON 82 5% 1/4W R160 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R107 1-249-421-11 CARBON 2.2K 5% 1/4W R162 1-249-397-11 CARBON 22 5% 1/4W R109 1-249-433-11 CARBON 22K 5% 1/4W R163 1-249-397-11 CARBON 22 5% 1/4W R109 1-249-433-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R109 1-249-433-11 CARBON 22 5% 1/4W R163 1-249-397-11 CARBON 22 5% 1/4W R109 1-249-433-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-427-11 CARBON 22 5% 1/4W R163 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-427-11 CARBON 22 5% 1/4W R161 1-249-427-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-427-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-												- /-	-,		
RESISTOR RESISTOR RESISTOR RIS\$ 1-249-421-11 CARBON 2.2K 5% 1/4W RIS\$ 1-249-421-11 CARBON 2.2K 5% 1/4W RIS\$ 1-249-395-11 CARBON 15 5% 1/4W RIS\$ 1-249-395-11 CARBON 15 5% 1/4W RIS\$ 1-249-395-11 CARBON 2.2K 5% 1/4W RIS\$ 1-249-395-11 CARBON 2.2K 5% 1/4W RIS\$ 1-249-397-11 CARBON 2.2K 5% 1/4W RIS\$ 1-249-397-11 CARBON 2.2 5% 1/4W RIS\$ 1-249-397-11 CARBON 2.2 5% 1/4W RIS\$ 1-249-397-11 CARBON 2.2 5% 1/4W RIS\$ 1-249-397-11 CARBON 2.2 5% 1/4W RI\$\$ 1-249-421-11 CARBON 6.8K 5% 1/4W RI\$\$ 1-249-397-11 CARBON 2.2 5% 1/4W RI\$\$ 1-249-421-11 CARBON 2.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 2.2 5% 1/4W RI\$\$ 1-249-425-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397-11 CARBON 3.2 5% 1/4W RI\$\$ 1-249-397	Q1421	8-729-600-12	TRANSISTOR	2 SK 108				R152	1-249-421-11	CARBON	2.2K	5%	1/4W		
RESISTOR	Q1422	8-729-178-54	TRANSISTOR	2SC2785				R153	1-249-421-11	CARBON	2.2K	5%	1/4W		
RESISTOR								R154	1-249-421-11	CARBON		5%	1/4W		
R156 1-247-717-11 CARBON 2.2K 5% 1/4W R152 1-249-395-11 CARBON 15 5% 1/4W R157 1-249-397-11 CARBON 22 5% 1/4W R153 1-249-441-11 CARBON 100K 5% 1/4W R158 1-249-397-11 CARBON 22 5% 1/4W R158 1-249-397-11 CARBON 22 5% 1/4W R159 1-249-397-11 CARBON 22 5% 1/4W R159 1-249-397-11 CARBON 22 5% 1/4W R159 1-249-397-11 CARBON 22 5% 1/4W R159 1-249-397-11 CARBON 22 5% 1/4W R160 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 22 5% 1/4W R163 1-249-397-11 CARBON 22 5% 1/4W R163 1-249-397-11 CARBON 22 5% 1/4W R163 1-249-397-11 CARBON 22 5% 1/4W R163 1-249-397-11 CARBON 22 5% 1/4W R163 1-249-397-11 CARBON 22 5% 1/4W R164 1-249-397-11 CARBON 22 5% 1/4W R165 1-249-397-11 CARBON 22 5% 1/4W R166 1-249-397-11 CA		RES	ISTOR					I R155							
R101 1-249-395-11 CARBON 15 5% 1/4W R157 1-249-397-11 CARBON 22 5% 1/4W R103 1-249-441-11 CARBON 100K 5% 1/4W R158 1-249-397-11 CARBON 22 5% 1/4W R104 1-249-441-11 CARBON 100K 5% 1/4W R158 1-249-397-11 CARBON 22 5% 1/4W R105 1-249-404-00 CARBON 82 5% 1/4W R160 1-249-397-11 CARBON 22 5% 1/4W R160 1-249-397-11 CARBON 22 5% 1/4W R161 1-249-397-11 CARBON 2								R156	The second secon						
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R104 1-249-441-11 CARBON	R103	1-249-441-11	CARBON	100K	5%	1/4W		I R158		CARBON	22	5%	1/4W		
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R111 1-249-437-11 CARBON 47K 5% 1/4W R166 1-249-397-11 CARBON 22 5% 1/4W R112 1-249-427-11 CARBON 6.8K 5% 1/4W R167 1-249-397-11 CARBON 22 5% 1/4W R113 1-249-421-11 CARBON 2.2K 5% 1/4W F R168 1-249-397-11 CARBON 22 5% 1/4W R114 1-249-421-11 CARBON 2.2K 5% 1/4W F R171 1-249-397-11 CARBON 22 5% 1/4W R151 1-249-425-11 CARBON 4.7K 5% 1/4W R172 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R174 1-249-429-11 CARBON 10K 5% 1/4W R175 1-249-429-11 CARBON 22K 5% 1/4W R177 1-249-433-11 CARBON 22K 5% 1/4W R178 1-249-441-11 CARBON 22K 5% 1/4W R178 1-249-433-11 CARBON															
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R112 1-249-427-11 CARBON 6.8K 5% 1/4W R167 1-249-397-11 CARBON 22 5% 1/4W R113 1-249-421-11 CARBON 2.2K 5% 1/4W F R168 1-249-397-11 CARBON 22 5% 1/4W R114 1-249-421-11 CARBON 2.2K 5% 1/4W F R171 1-249-397-11 CARBON 22 5% 1/4W R115 1-249-425-11 CARBON 4.7K 5% 1/4W R172 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R174 1-249-397-11 CARBON 22 5% 1/4W R175 1-249-397-11 CARBON 22 5% 1/4W R176 1-249-397-11 CARBON 22 5% 1/4W R177 1-249-397-11 CARBON 10K 5% 1/4W R176 1-249-429-11 CARBON 10K 5% 1/4W R177 1-249-433-11 CARBON 22K 5% 1/4W R191 1-249-441-11 CARBON 10K 5% 1/4W R177 1-249-433-11 CARBON 22K 5% 1/4W R191 1-249-441-11 CARBON 10K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W R191 1-249-441-11 CARBON 10K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W R191 1-249-441-11 CARBON 10K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W R191 1-249-443-11 CARBON	R111	1-249-437-11	CARBON	47K	5%	1/4W		1			997	-,0	-977-8		
R113 1-249-421-11 CARBON 2.2K 5% 1/4W F R168 1-249-397-11 CARBON 22 5% 1/4W R114 1-249-421-11 CARBON 2.2K 5% 1/4W F R171 1-249-397-11 CARBON 22 5% 1/4W R115 1-249-425-11 CARBON 4.7K 5% 1/4W R172 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R171 1-249-429-11 CARBON 10K 5% 1/4W R171 1-249-429-11 CARBON 10K 5% 1/4W R171 1-249-429-11 CARBON 10K 5% 1/4W R171 1-249-429-11 CARBON 10K 5% 1/4W R118 1-249-429-11 CARBON 10K 5% 1/4W R177 1-249-433-11 CARBON 22K 5% 1/4W R119 1-249-441-11 CARBON 10K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W	R112							R167	1-249-397-11	CARBON	22	5%	1/4W		
R114 1-249-421-11 CARBON 2.2K 5% 1/4W F R171 1-249-397-11 CARBON 22 5% 1/4W R115 1-249-425-11 CARBON 4.7K 5% 1/4W R172 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-414-11 CARBON 560 5% 1/4W R173 1-249-429-11 CARBON 10K 5% 1/4W R174 1-249-429-11 CARBON 10K 5% 1/4W R1816 1-249-429-11 CARBON 10K 5% 1/4W R1817 1-249-429-11 CARBON 10K 5% 1/4W R1977 1-249-433-11 CARBON 22K 5% 1/4W R199 1-249-441-11 CARBON 10K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W R199 1-249-441-11 CARBON 10K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W							FILE								
R115 1-249-425-11 CARBON 4.7K 5% 1/4W R172 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-397-11 CARBON 22 5% 1/4W R173 1-249-429-11 CARBON 10K 5% 1/4W R174 1-249-429-11 CARBON 10K 5% 1/4W R175 1-249-429-11 CARBON 10K 5% 1/4W R176 1-249-429-11 CARBON 10K 5% 1/4W R177 1-249-433-11 CARBON 22K 5% 1/4W R179 1-249-441-11 CARBON 10K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W R179 1-249-433-11 C															
R116 1-249-414-11 CARBON 560 5% 1/4W R117 1-249-429-11 CARBON 10K 5% 1/4W R118 1-249-429-11 CARBON 10K 5% 1/4W R176 1-249-429-11 CARBON 10K 5% 1/4W R177 1-249-433-11 CARBON 22K 5% 1/4W R19 1-249-441-11 CARBON 10K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W R178 1-249-433-11 C															
R116 1-249-414-11 CARBON 560 5% 1/4W R117 1-249-429-11 CARBON 10K 5% 1/4W R176 1-249-429-11 CARBON 10K 5% 1/4W R118 1-249-429-11 CARBON 10K 5% 1/4W R177 1-249-433-11 CARBON 22K 5% 1/4W R119 1-249-441-11 CARBON 100K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W	.,_20		C/IIICOII		0,0	2/ 411									
R117 1-249-429-11 CARBON 10K 5% 1/4W R176 1-249-429-11 CARBON 10K 5% 1/4W R118 1-249-429-11 CARBON 10K 5% 1/4W R177 1-249-433-11 CARBON 22K 5% 1/4W R119 1-249-441-11 CARBON 100K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W	R116	1-249-414-11	CARBON	560	5%	1/4W		1	1-972		127	-,0	3		
R118 1-249-429-11 CARBON 10K 5% 1/4W R177 1-249-433-11 CARBON 22K 5% 1/4W R119 1-249-441-11 CARBON 100K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W								R176	1-249-429-11	CARBON	10K	5%	1/4W		
R119 1-249-441-11 CARBON 100K 5% 1/4W R178 1-249-433-11 CARBON 22K 5% 1/4W															
1 NO. 2 TEXTILE COMMON C.CN 36 1/4W			J/1110 J/1	2001	0,0	~/ TH			1-249-421-11	CARRON					
								1 112/3		CULDON	C.CN	J /6	1/4W		

Ref.No. Part No.	Description		Domark	I Dof No	Dant No	Description			_	D 1
Ker.No. Part No.	Description		Remark	Ker.No.	Part No.	Description				Remark
R180 1-249-421-11	CARBON 2.21	5% 1/4W		R336	1-249-417-11	CARBON	1K	5%	1/4W	
R181 1-249-421-1	CARBON 2.21	5% 1/4W		R337	1-249-417-11	CARBON	1K	5%	1/4W	
R182 1-249-421-1	CARBON 2.21	5% 1/4W		I R338	1-249-409-11	CARBON	220	5%	1/4W	
R183 1-249-433-1	L CARBON 22K	5% 1/4W		I R339	1-249-417-11	CARBON	1K	5%	1/4W	
R184 1-249-437-1		5% 1/4W		R340	1-249-417-11	CARBON	1K	5%	1/4W	
				1		CHILDON	211	370	1/44	
R185 1-249-417-1	L CARBON 1K	5% 1/4W		R341	1-249-441-11	CARBON	100K	5%	1/4W	
R186 1-249-417-11	L CARBON 1K	5% 1/4W		R342	1-249-441-11	CARBON	100K	5%	1/4W	
R187 1-249-417-1		5% 1/4W		I R343	1-249-429-11	CARBON	10K	5%		
R188 1-249-417-1		5% 1/4W		R344	1-249-441-11	CARBON			1/4W	
R189 1-249-417-1		5% 1/4W		R345	1-249-419-11		100K	5%	1/4W	
	3/11/2011	370 17411		1 11373	1-243-413-11	CARBON	1.5K	5%	1/4W	
R190 1-249-417-1	L CARBON 1K	5% 1/4W		1 R346	1-249-422-11	CARBON	2.7K	5%	1/4W	
R191 1-249-417-1		5% 1/4W		R347	1-247-895-00	CARBON	470K	5%		
R192 1-247-717-1				R348	1-215-432-00				1/4W	
R193 1-249-425-1				R349		CARBON	3K	5%	1/4W	
R194 1-249-405-1		5% 1/4W			1-215-487-00	CARBON	560K	5%	1/4W	
K134 1=243=403=1.	CARBON	3% 1/4W		R351	1-215-489-00	CARBON	680K	5%	1/4W	
R195 1-249-441-1	CARBON 100	5% 1/4W		R352	1-249-405-11	CADRON	100	Ed	1 / 411	
R196 1-249-405-1		5% 1/4W		R353	1-249-423-11	CARBON		5%	1/4W	
R198 1-249-433-1		5% 1/4W				CARBON	3.3K	5%	1/4W	
R199 1-249-437-1				I R354	1-249-417-11	CARBON	1K	5%	1/4W	
R301 1-249-411-1				R355	1-249-433-11	CARBON	22K	5%	1/4W	
K301 1-249-411-1.	L CARBON 330	5% 1/4W		R357	1-249-416-11	CARBON	820	5%	1/4W	
R302 1-249-408-1	CARBON 180	5% 1/4W		1 0250	1 240 424 11	CADDON	2 01/	Γα/	1 / 411	
R303 1-249-417-1		5% 1/4W		R358	1-249-424-11	CARBON	3.9K	5%	1/4W	
R304 1-249-414-1				R359	1-249-413-11	CARBON	470	5%	1/4W	
		5% 1/4W		R360	1-249-418-11	CARBON	1.2K		1/4W	
				R381	1-249-417-11	CARBON	1K	5%	1/4W	
R306 1-249-413-1	L CARBON 470	5% 1/4W		R382	1-247-826-00	CARBON	620	5%	1/4W	
R307 1-249-438-1	L CARBON 56K	5% 1/4W		I R383	1 215 420 00	CARROW	0 411	F 0/	1 / 411	
R308 1-215-452-0					1-215-430-00	CARBON	2.4K	5%	1/4W	
R309 1-249-417-1				R384	1-249-419-11	CARBON	1.5K	5%	1/4W	
		5% 1/4W		R385	1-249-434-11	CARBON	27K	5%	1/4W	
R310 1-249-425-1				R386	1-249-432-11	CARBON	18K	5%	1/4W	
R311 1-249-412-1	L CARBON 390	5% 1/4W		R387	1-249-413-11	CARBON	470	5%	1/4W	
R312 1-215-456-00	CARRON 30K	EW 1/41/		1 0200	1 040 417 11	010000	1			
R313 1-249-438-1		5% 1/4W		R388	1-249-417-11	CARBON	1K	5%	1/4W	
		5% 1/4W		R389	1-249-416-11	CARBON	820	5%	1/4W	
R314 1-249-413-1		5% 1/4W		R390	1-247-822-00	CARBON	430	5%	1/4W	
R315 1-249-413-1		5% 1/4W		R391	1-249-411-11	CARBON	330	5%	1/4W	
R316 1-249-413-1	L CARBON 470	5% 1/4W		R392	1-249-405-11	CARBON	100	5%	1/4W	
R317 1-249-422-1	CARRON 2 7	/ FW 1////		1 0202	1 040 405 11					
R318 1-249-415-1				R393	1-249-405-11	CARBON	100	5%	1/4W	
R319 1-247-711-1		5% 1/4W		R394	1-249-405-11	CARBON	100	5%	1/4W	
		5% 1/4W		R401	1-249-405-11	CARBON	100	5%	1/4W	
R320 1-249-415-1		5% 1/4W		R402	1-249-412-11	CARBON	390	5%	1/4W	
R321 1-249-415-1	L CARBON 680	5% 1/4W		R403	1-249-433-11	CARBON	22K	5%	1/4W	
R322 1-249-403-1	CARRON CO	EW 1/411		1 0404	1 040 410 11	CARDON	000		91991	
		5% 1/4W		R404	1-249-416-11	CARBON	820	5%	1/4W	
R323 1-249-418-1		and the second s		R405	1-247-706-11	CARBON	330	5%	1/4W	
R324 1-249-409-1	0	5% 1/4W		R407	1-249-409-11	CARBON	220	5%	1/4W	
R325 1-249-409-1		5% 1/4W		R409	1-249-409-11	CARBON	220	5%	1/4W	
R326 1-249-421-1	L CARBON 2.21	5% 1/4W		R410	1-249-429-11	CARBON	10K	5%	1/4W	
0227 1 242 415 1	CARRON TOO	5 m 4 4				10170-007	and the same			
R327 1-249-415-1		5% 1/4W		R411	1-249-429-11	CARBON	10K	5%	1/4W	
R328 1-249-411-1		5% 1/4W		R412	1-249-405-11	CARBON	100	5%	1/4W	
R329 1-249-415-1		5% 1/4W		R413	1-249-409-11	CARBON	220	5%	1/4W	
R330 1-249-437-11		5% 1/4W		R414	1-247-704-11	CARBON	220	5%	1/4W	
R331 1-249-433-1	L CARBON 22K	5% 1/4W		R415	1-247-704-11	CARBON	220	5%	1/4W	
0222 1 040 402 1		F								
R333 1-249-409-11		5% 1/4W		R416	1-247-704-11	CARBON	220	5%	1/4W	
R334 1-249-409-1		5% 1/4W		R418	1-249-405-11	CARBON	100	5%	1/4W	
R335 1-249-417-1	L CARBON 1K	5% 1/4W		R419	1-215-493-00	CARBON	1M	5%	1/4W	

Ref.No.	Part No.	Description	1				Remark	Ref.No.	Part No.	Description				Remark	
R420	1-247-725-11	CARBON		10K	5%	1/4W		R1302	1-249-431-11	CARBON	15K	5%	1/4W		
R421	1-247-162-00	CARBON			5%	1/4W		R1303	1-249-430-11	CARBON		5%	1/4W		
R422	1-247-725-11	CARBON			5%	1/4W		R1304	1-247-881-00	CARBON		5%	1/4W		
R423	1-247-172-00	CARBON			5%	1/4W		R1305	1-247-887-00	CARBON	TLOIL				
R424	1-249-432-11				5%							5%	1/4W		
K424	1-249-432-11	CARBON		TOV	3%	1/4W		J K1306	1-247-887-00	CARBON	220K	5%	1/4W		
DASE	1 247 725 11	CARRON		1.01/	E o/	1 ///		1 01207	1 240 422 11	CARRON	0.014	F 0/	1.77.		
R425	1-247-725-11					1/4W		R1307	1-249-433-11	CARBON		5%	1/4W		
R426	1-247-704-11	CARBON				1/4W		R1308	1-249-429-11	CARBON	10K	5%	1/4W		
R440	1-249-421-11	CARBON			5%	1/4W		R1309	1-249-433-11	CARBON		5%	1/4W		
R441	1-249-423-11	CARBON				1/4W		R1310	1-249-433-11	CARBON	22K	5%	1/4W		
R442	1-249-437-11	CARBON		47K	5%	1/4W		R1311	1-249-417-11	CARBON	1K	5%	1/4W		
R443	1-249-435-11	CARBON		33K	5%	1/4W		R1312	1-249-429-11	CARBON	10K	5%	1/4W		
R444	1-215-460-00	CARBON		43K	5%	1/4W		I R1313	1-249-429-11	CARBON	10K	5%	1/4W		
R445	1-249-426-11	CARBON			5%	1/4W		R1314	1-249-434-11	CARBON		5%	1/4W		
R452	1-249-441-11	CARBON				1/4W		R1315	1-249-424-11	CARBON		5%	1/4W		
R453	1-249-411-11	CARBON				1/4W		R1316	1-249-409-11	CARBON		5%	1/4W		
11100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CATADON		330	570	2/ 111		I	1-249-409-11	CARDON	220	J/0	1/4W		
R454	1-249-416-11	CARBON		820	5%	1/4W		R1317	1-249-433-11	CARBON	22K	Ed	1 / 414		
R455	1-249-409-11			220	5%	1/4W						5%	1/4W		
		CARBON						R1318	1-249-419-11	OMINDOM	1.011		1/4W		
R457	1-249-424-11	CARBON			5%	1/4W		R1319	1-249-411-11	CARBON	330	5%	1/4W		
R459	1-249-429-11	CARBON			5%	1/4W		R1320	1-249-405-11	CARBON	100	5%	1/4W		
R460	1-249-423-11	CARBON		3.3K	5%	1/4W		R1321	1-249-421-11	CARBON	2.2K	5%	1/4W		
R461	1-249-423-11	CARBON			5%	1/4W		R1322	1-249-421-11	CARBON	2.2K	5%	1/4W		
R470	1-249-460-11	CARBON		15K	5%	1/4W		R1323	1-247-891-00	CARBON	330K	5%	1/4W		
R472	1-247-713-11	CARBON		1K	5%	1/4W		R1324	1-247-891-00	CARBON		5%	1/4W		
R473	1-249-417-11	CARBON		1K	5%	1/4W		R1325	1-249-417-11	CARBON		5%	1/4W		
R474	1-249-417-11	CARBON			5%	1/4W			1-216-349-51	METAL OXIDE	1	5%	1W	FIREDE	
		0			- /-	-,		1	3 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	THE ONLD	•	370	~"		
R475	1-249-409-11	CARBON		220	5%	1/4W		R1327	1-249-401-11	CARBON	47	5%	1/4W		
R476	1-249-425-11	CARBON			5%	1/4W		R1328	1-249-401-11	CARBON		5%	1/4W		
R477	1-249-425-11	CARBON			5%	1/4W		I R1329	1-249-401-11						
R479												5%	1/4W		
	1-249-435-11	CARBON			5%	1/4W		R1330	1-249-435-11	Criticon	0011	5%	1/4W		
R480	1-249-409-11	CARBON		220	5%	1/4W		R1331	1-249-431-11	CARBON	15K	5%	1/4W		
0.4.01	1 040 400 11	0000000		000	F 0/	1./411		1 21222	1 040 400 14		-				
R481	1-249-409-11	CARBON			5%	1/4W		R1332	1-249-433-11	CARBON		5%	1/4W		
R482	1-215-438-00	CARBON			5%	1/4W		R1333	1-249-427-11	CARBON	6.8K	5%	1/4W		
R483	1-249-409-11	CARBON		220	5%	1/4W		R1334	1-249-421-11	CARBON	2.2K	5%	1/4W		
R484	1-249-441-11	CARBON		100K	5%	1/4W		R1335	1-249-405-11	CARBON	100	5%	1/4W		
R485	1-247-891-00	CARBON		330K	5%	1/4W		R1336	1-249-429-11	CARBON	10K	5%	1/4W		
								i					-,		
R486	1-249-429-11	CARBON		10K	5%	1/4W		I R1337	1-249-429-11	CARBON	10K	5%	1/4W		
R487	1-249-417-11	CARBON			5%	1/4W		R1338	1-247-710-11	CARBON		5%	1/4W		
R488	1-247-887-00				5%	1/4W		R1339	1-249-413-11	CARBON		5%	1/4W		
R489	1-249-427-11	CARBON			5%	1/4W		R1340	1-249-409-11	CARBON	1,0	5%	1/4W		
R490	1-249-417-11							R1341					The State of the S		
K490	1-249-41/-11	CARBON		IV	5%	1/4W		K1341	1-249-411-11	CARBON	330	5%	1/4W		
0/01	1 240 420 11	CARRON		100	E 0/	1 / 41		1 01340	1 047 710 11	CADBOLL	F.C.0	F~	1./40		
R491	1-249-429-11				5%	1/4W		R1342	1-247-710-11	CARBON	560	5%	1/4W		
R492	1-249-417-11				5%	1/4W		R1343	1-249-424-11	CARBON	0.511		1/4W		
R493	1-249-405-11	CARBON			5%	1/4W		R1344	1-249-437-11	CARBON	47K	5%	1/4W		
R494	1-249-433-11	CARBON		22K	5%	1/4W		R1345	1-215-491-00	CARBON	820K	5%	1/4W		
R495	1-249-429-11					1/4W			1-202-730-00	SOL ID	8.2M				
R496	1-249-430-11	CARBON		12K	5%	1/4W		I R1347	1-249-422-11	CARBON	2.7K	5%	1/4W		
R497	1-215-434-00					1/4W		I R1348	1-249-409-11	CARBON		5%	1/4W		
R498	1-249-421-11			2.2K		1/4W			1-249-423-11	CARBON	3.3K		1/4W		
R499	1-249-429-11				5%	1/4W			1-249-423-11		120K		1/6W	三 [新三年]	
R1101	1-249-441-11				5%	1/4W				METAL					
VIIOI	1-647-441-11	CARBON		TOOK	1/0	1/4W		1 10411	1-249-423-11	CARBON	3.3K	5%	1/4W		
D1100	1 247 710 11	CADRON		2 24	E 9/	1 / / / /		I D1400	1 240 422 11	CADRON	2 24	C o/	1 ///		
R1102	1-247-719-11				5%	1/4W			1-249-423-11	CARBON	0.011		1/4W		
R1103	1-249-441-11	CARBON			5%	1/4W			1-249-423-11	CARBON	3.3K		1/4W		
R1104	1-249-433-11	CARBON		22K	5%	1/4W		R1404	1-249-423-11	CARBON	3.3K	5%	1/4W		
R1301	1-247-704-11	CARBON		220	5%	1/4W									
								1							

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

B2

Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description	1 10			Remark
R1405 R1406 R1407	1-249-418-11 1-249-417-11 1-249-417-11	CARBON CARBON	1.2K 1K 1K	5% 5%	1/4W 1/4W 1/4W			*1-619-318-11	B2 BOARD ******				
R1408 R1409	1-249-405-11 1-249-405-11	CARBON CARBON	100	5% 5%	1/4W 1/4W			CAP	ACITOR				
R1410 R1411 R1412	1-249-405-11 1-215-409-00 1-249-417-11 1-214-727-00 1-214-727-00	CARBON METAL CARBON METAL METAL	100 330 1K 820 820	5% 1% 5% 1%	1/4W 1/6W 1/4W 1/4W 1/4W		C309 C310 C313 C314 C315	1-101-006-00 1-123-318-00 1-126-101-11 1-102-963-00 1-126-101-11	CERAMIC ELECT ELECT CERAMIC ELECT	0.047MF 33MF 100MF 33PF 100MF		20% 20% 5% 20%	50V 16V 10V 50V 10V
R1415 R1416 R1417	1-247-838-00 1-249-417-11 1-215-409-00	CARBON CARBON METAL	2K 1K 330	5% 5% 1%	1/4W 1/4W		C322	1-102-971-00 1-126-101-11	CERAMIC ELECT	82PF 100MF		5% 20%	50V 10V
	1-215-409-00	METAL	330	1%	1/6W 1/6W			DEL	AY LINE				
R1419		METAL	330	1%	1/6W		DL 303	1-415-509-11 1-415-509-11					
R1420 R1421 R1422	1-215-409-00 1-249-418-11 1-249-429-11	METAL CARBON CARBON	330 1.2K 10K	1% 5% 5%	1/6W 1/4W 1/4W			CON	INECTOR				
R1423 R1424	1-249-423-11	CARBON CARBON	3.3K 39K	5% 5%	1/4W 1/4W		P201	*1-562-516-11	CONNECTOR,	BOARD TO	BOARD	5P	
01405	1 240 422 11	CARROW	1.04	F a4			İ	TRA	NSISTOR				
R1425 R1426 R1427 R1428 R1429	1-249-432-11 1-249-421-11 1-249-421-11 1-249-416-11 1-215-421-00	CARBON	18K 2.2K 2.2K 820 1K	5% 5% 5% 5% 1%	1/4W 1/4W 1/4W 1/4W 1/6W		Q310 Q311 Q312 Q319	8-729-178-54 8-729-117-54 8-729-117-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175 2SA1175 2SA1175			
R1430	1-215-432-00	METAL	3K	1%	1/6W		Q320 	8-729-178-54	TRANSISTOR	2502785			
R1431 R1432	1-249-429-11 1-249-429-11	CARBON CARBON	10K 10K	5% 5%	1/4W 1/4W		Q321	8-729-178-54	TRANSISTOR	2SC2785			
R1433	1-249-441-11	CARBON	100K	5%	1/4W			RES	ISTOR				
RV301 RV401 RV402 RV403		RES, ADJ, CE RES, ADJ, CE RES, ADJ, CE RES, ADJ, CE RES, ADJ, CE	RAMIC (RAMIC (RAMIC (CARBON CARBON	10K 10K		R361 R362 R363 R364 R365	1-249-424-11 1-249-433-11 1-249-421-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	3.9K 22K 2.2K 1K 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
RV471	1-228-724-00	RES, ADJ, CE					R366	1-249-418-11 1-249-417-11	CARBON CARBON	1.2K 1K	5% 5%	1/4W 1/4W	
RV1401 RV1402	1-228-724-00 1-228-719-00 1-228-719-00 1-228-724-00	RES, ADJ, CEI RES, ADJ, CEI RES, ADJ, CEI RES, ADJ, CEI	RAMIC (CARBON CARBON	470 470		R368 R369 R370	1-249-417-11 1-249-417-11 1-249-421-11	CARBON CARBON CARBON	1K 1K 2.2K	5% 5% 5%	1/4W 1/4W 1/4W	
		NSFORMER		1. 100			R371 R372	1-249-417-11 1-249-420-11	CARBON CARBON	1K 1.8K	5% 5%	1/4W 1/4W	
T301	1-425-786-00	TRANSFORMER,	BANDPAS	SS (BP	T)		R373 R374 R375	1-249-421-11 1-249-414-11	CARBON CARBON	2.2K 560	5% 5%	1/4W 1/4W	
	CRY	STAL					1 K3/3	1-249-419-11	CARBON	1.5K	5%	1/4W	
X101 X401	1-567-192-11 1-527-722-00	OSCILLATOR, OSCILLATOR,	CERAMI(CRYSTAL				R376 R377 R378 R379 R380	1-249-412-11 1-249-412-11 1-249-421-11 1-249-435-11 1-249-431-11	CARBON CARBON CARBON	390 390 2.2K 33K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
							1 1300	1-243-431-11	CARDUN	15K	5%	1/4W	
							1						

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Ref.No. Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
*1-619-285-11	F BOARD				T603 &	1-448-755-11	TRANSFORMER.	, POWER		
CAF						THE	RMISTOR			
C601 A.1-136-346-11	FILM	0.22MF	20%	125 V	THP6014	1-806-214-21	THERMISTOR THERMISTOR	(POSITIVE) (POSITIVE)		
C602 A.1-136-346-11 C603 A.1-162-578-51 C604 A.1-162-578-51	CERAMIC C	0.22MF 0.0047MF 0.0047MF	20% 20% 20%	125 V 400 V 400 V	******	******	*****	*****	******	******
C605 1-162-578-00 C606 1-162-578-00		0.0047MF	20%	400V 400V		*1-613-423-11	GA BOARD			
C607 1-125-295-00 C608 1-125-295-00	ELECT(BLOCK) 5 ELECT(BLOCK) 5	560MF 560MF	20% 20%	200V 200V		40 23	ACTION	MIRAU MO-8 PANC 11-1		
C611 A.1-162-578-51 C612 A.1-162-578-51	CERAMIC C	0.0047MF 0.0047MF	20% 20%	400V 400V	C652 C654 C655	1-136-103-00 1-136-103-00 1-136-131-00	FILM	0.1MF 0.1MF 0.12MF	5% 5% 5%	200V 200V 400V
DIO DE DIO DE DE DE DE DE DE DE DE DE DE DE DE DE					C656	1-162-578-00	CERAMIC FILM	0.0047MF 0.22MF	20% 5%	400V 400V
D602 8-719-911-55 D603 A.8-719-938-40	DIODE U05G		(A. KORE.)	7.72154.7	C672	1-162-318-11 1-162-318-11	CERAMIC CERAMIC		10% 10%	500V 500V
COM	NECTOR				C675 C677 C680	1-162-318-11 1-162-318-11 1-102-030-00	CERAMIC CERAMIC CERAMIC	0.001MF 0.001MF 330PF	10% 10% 10%	500V 500V 500V
F1 *1-508-765-00 F2 *1-566-063-11 F3 *1-508-765-00	3P PLUG (M) PIN, CONNECTOR 3P PLUG (M)	R 11P			C681	1-102-030-00	CERAMIC	330PF	10%	500V
F4 *1-508-765-00 F5 *1-508-784-00					0.551	<u>DIO</u>		NOT BY		
F6 *1-506-371-00 F7 *1-508-765-00 F8 *1-506-348-XX F9 *1-508-784-00	2P PLUG (L) 3P PLUG (M) 4P PLUG 1P PLUG				D651 D652 D653 D654	8-719-302-11 8-719-918-77 8-719-302-11 8-719-918-77	DIODE V19G DIODE RM2CS:	S		
F10 *1-506-348-XX	3P PLUG (L)				İ	CON	NECTOR			
F11 *1-508-784-00					G4	*1-508-765-00	3P PLUG (M)			
FUS							L			
F601 ⚠.1-532-627-11 1-533-190-11	CLIP, FUSE; F6	501	V		L651 L652 L660 L661	1-425-612-00 1-425-612-00 1-425-612-00 1-425-612-00	COIL, ARE-C	ORE ORE ORE		
17/49	COIL, SPOOK CH						NSISTOR	10-6		
	SISTOR				0651	\.8-729-905-49		25C2162 T		
R601 A.1-202-719-91 R602 A.1-202-723-91 R603 1-244-923-00 R604 1-244-923-00	SOL ID SOL ID CARBON	1M 10% 2.2M 10% 120K 5% 120K 5%				4-374-104-01	HOLDER, TR; SPACER, MICA TRANSISTOR	Q651 A; Q651 2SC31 63- T		
REL			F P S - 1		į	4-374-108-01	SPACER, MICA	A; Q652		
Whale Ser						RES	ISTOR			
RL60111-515-579-11					R651	1-215-926-00		33K 5%	3W	F
T601 A.1-421-730-11					R652 R653 R655	1-215-926-00 1-202-846-00 1-206-439-00	METAL OXIDE SOLID METAL OXIDE	33K 5% 470K 109 1 5%	2W	F
T602 ⚠,1-421-730-11	LFT				R656	1-206-439-00	METAL OXIDE	1 5%	2W	F

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Ref.No. Part No.	Description				Remark	Ref.No	. Part No.	Description	1		Remark
R660 1-202-846-00 R662 1-207-451-11	SOL ID WIREWOUND	470K 0.1	10% 10%	1/2W 1/2W		L654 L655	1-407-365-00 1-407-364-00	COIL, CHOKE	CHOKE 3.3UH		
TRA	ANSFORMER					L656 L657 L658	1-459-406-00 1-408-225-00 1-407-365-00	COIL (WITH INDUCTOR COIL, CHOKE	3.3UH		
T651 A.1-421-695-11 T652 A.1-421-710-11	CDT PRT					 L659	1-407-780-00	COIL, SPOOK			
**********	******	*****	****	*****	******	L662	1-407-720-00	CHOKE COIL			
							RES	ISTOR			
*1-613-424-11	GB BOARD						⚠.1-206-700-61	METAL OXIDE	33K 5%	2W	F
*3-701-946-22	LABEL, FUSE					R659	⚠.1-246-987-11 ♠.1-246-987-11	CARBON CARBON	47 5% 47 5%	1/8W 1/8W	F
CAF	PACITOR					Kbb1	A.1-202-653-15	SOL ID	2.2M 5%	1/2W	
0/11	71011010					1	TRA	NSFORMER			
C656 1-106-367-00		0.01MF		10%	100V	i		MIGI GILIZEN			
C658 1-124-125-91	ELECT	22MF		20%	25 V	T653	₾.1-421-894-11	PIT			
C659 1-129-710-00 C660 1-129-710-00	FILM FILM	0.0047		10%	630V	1+++++		****			
C661 1-136-240-11	FILM	0.0047		5%	630V 1KV	1	******	******	*******	******	*******
C662 A.1-125-294-11	ELECT(BLOCK)		DIL FI	20%	160V		*A-1330-784-A	C BOARD, CO			
C663 1-162-318-11	CERAMIC	0.001M	F	10%	500V	j					
C664 1-162-318-11	CERAMIC	0.001M		10%	500V	1	1-526-644-71	SOCKET, CR			
C665 ⚠.1-123-338-51 C666 ⚠.1-123-324-51	ELECT	2200MF		20%	25 V	ļ	4-812-554-00	WASHER			
C000 (1.1-123-324-31	ELECT	1000MF		20%	16V	1	COM	INECTOR			
C667 1-162-318-11	CERAMIC	0.001	IF	10%	500V	C1 /	A. *1-506-371-21	2P PLUG (L)			
C668 1-162-318-11	CERAMIC	0.001M	F	10%	500V	1 C2	*1-566-054-11	PIN, CONNEC			
C669 A.1-123-877-51	ELECT	470MF		20%	35 V	1 C3	*1-566-055-11	PIN, CONNEC	CTOR 3P		
C670 A.1-123-877-51 C682 1-101-006-00	CERAMIC	470MF	r	20%	35 V	C5	*1-566-061-11	PIN, CONNEC			
1-101-000-00	CERAMIC	0.047M	I.E.		50V	1 C6	*1-566-054-11	PIN, CONNEC	TOR 2P		
C684 1-124-791-11	ELECT	1MF		20%	50V	C7	*1-508-768-00 *1-508-784-00	6P PLUG			
DIO	DDE					1 60	~1-300-764-00	IP PLUG			
6451 82						i	CAF	ACITOR			
D655 8-719-300-09	DIODE CTU-24					1					
*4-347-706-00 D656 A.8-719-301-09	HEAT SINK (T DIODE CTL-12		5			C701	1-162-115-00	CERAMIC	330PF	10%	2KV
D657 8-719-982-04	DIODE ERB81-					1 C702	1-129-779-00 1-123-383-00	FILM	0.022MF 4.7MF	20%	1KV 100V
D658 A. 8-719-301-09	DIODE CTL-12					I C704	1-123-948-00	ELECT	22MF	20%	250V
1.15041						I C705	1-106-387-00	MYLAR	0.1MF	10%	200V
D659 A.8-719-301-09 D661 8-719-982-04	DIODE CTL-12					1 0706	1 100 207 00	111	500.00		
D661 8-719-982-04	DIODE ERB81-	.004				C706	1-106-387-00 1-102-116-00	MYLAR CERAMIC	0.1MF	10%	200V
FUS	SE					1 C708	1-102-116-00	CERAMIC	680PF 680PF	10% 10%	50 V 50 V
AND THE	-					C709	1-102-116-00	CERAMIC	680PF	10%	50 v
F651 ⚠.1-532-593-11	FUSE, GLASS	TUBE 1.	6A/12	.5 V		C710	1-102-115-00	CERAMIC	560PF	10%	50 v
COM	NECTOR					C711	1-123-356-00		10MF	20%	25 V
G5 *1-508-765-00						C712	1-102-115-00 1-102-116-00	CERAMIC	560PF 680PF	10% 10%	50 V 50 V
4 000 700 00	31 1200 (11)					C714	1-123-321-00		220MF	20%	16V
MOD						C715	1-102-125-00	CERAMIC	0.0047MF	10%	50V
IC651▲,1-235-445-11			1)			C718	1-102-125-00	CERAMIC	0.0047MF	10%	50V
						I C723	1-108-634-81	MYLAR	0.047MF	10%	100V
<u>CO</u>	<u>IL</u>					C753			82PF	5%	50V-
L653 1-407-780-00						C754	1-108-617-91 1-123-356-00		0.0018MF 10MF	10% 20%	100V 25V
	, 5. 551					1 0,00			20111	C V/0	C 3 4

The components identified by shading and mark are critical for safety.

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PVM-2530 RM-739



Ref No	o. Part No.	Description			Remark	IRef No	Part No.	Description				Rem	ark
			0.01			1						-	
C756 C757	1-106-367-00 1-106-367-00	MYLAR	0.01MF 0.01MF	10% 10%	100V 100V	Q751 Q752	8-729-178-54 8-729-178-54	TRANSISTOR 2					
C758	1-108-367-00	MYLAR CERAMIC	33PF	5%	50V	0753	8-729-178-54	TRANSISTOR 2					
C759	1-102-963-00	CERAMIC	33PF	5%	50V 50V	0754	8-729-178-54	TRANSISTOR 2					
C760	1-108-614-91	MYLAR	0.001MF	10%	100v	0755	8-729-178-54	TRANSISTOR 2					
						1	5-725-170-04	MAISTSTOR A	302/03				
C762	1-106-367-00	MYLAR	0.01MF	10%	1000	Q756	8-729-374-02	TRANSISTOR 2					
C763	1-123-356-00 1-106-220-00	ELECT	10MF 0.1MF	20%	50V	U/5/ M	.8-729-177-42	TRANSISTOR 2	50//4-3				
C765	1-123-380-00	MYLAR ELECT	1MF	10% 20%	100v 50v		nro	00721					
C766	1-124-122-11	ELECT	100MF	20%	50V 50V		RES	ISTOR					
				-001-005-			.1-212-352-61	METAL OXIDE	0.22	5%	1W	F	
	DIO	DDE				R702	1-202-846-00	SOL ID	470K	10%	1/2W		
0.701	0 710 011 10	DIODE 100110	(Junio) 12			R703	1-202-844-00	SOL ID	330K	10%	1/2W		
D701 D702	8-719-911-19 8-719-911-19	DIODE 1SS119				R704	1-202-815-11	SOL ID	47K	10%	1/2W		
D702	8-719-911-19	DIODE 1SS119 DIODE 1SS119				R705	1-202-846-00	SOL ID	470K	10%	1/2W		
D704	8-719-911-19	DIODE 1SS119				R706	1-202-720-00	SOL ID	1.2M	10%	1/2W		
D705	8-719-911-19	DIODE 1SS119				R707	1-202-842-11	SOL ID		10%	1/2W		
10000000						R708	1-202-818-00	SOLID	1K	10%	1/2W		
D706	8-719-911-19	DIODE 1SS119				R709	1-202-818-00	SOL ID	1K	10%	1/2W		
D707	8-719-911-19	DIODE 1SS119				R710	1-202-818-00	SOLID	1K	10%	1/2W		
D708	8-719-911-19	DIODE 1SS119				1 0711	1 200 542 52		100	10.4	1.10		
D709 D710	8-719-911-19 8-719-901-83	DIODE 155119				R711	1-202-549-00	SOL ID	100	10%	1/2W		
0/10	0-/19-901-83	DIODE 1883				R712 R713	1-202-543-00 1-216-486-00	SOL ID	56	10%	1/2W		
D711	8-719-901-83	DIODE 1SS83				R713		METAL OXIDE	8.2K	5%	3W	F	
D712	8-719-901-83	DIODE 15583				R714	1-249-409-11 1-249-429-11	CARBON	220 10K	5% 5%	1/4W 1/4W		
D713	8-719-901-83	DIODE 15583				1 113	1-243-423-11	CARDUN	TOK	3/6	1/4W		
D751	8-719-911-19	DIODE 155119				R716	1-216-486-00	METAL OXIDE	8.2K	5%	3W	F	
D752	8-719-911-19	DIODE 1SS119				R717	1-249-409-11	CARBON	220	5%	1/4W		
						R720	1-216-486-00	METAL OXIDE	8.2K	5%	3W		
	COI	L - manife				R721	1-249-409-11	CARBON	220	5%	1/4W		
		W 15/07				R722	1-249-405-11	CARBON	100	5%	1/4W		
L701	1-407-701-00	INDUCTOR	47UH										
L702	1-407-708-00	INDUCTOR	180UH			R723	1-247-700-11	CARBON	100	5%	1/4W		
L703	1-407-706-00	INDUCTOR	120UH			R724	1-249-405-11	CARBON	100	5%	1/4W		
L 704	1-407-694-00	INDUCTOR	12UH			R725	1-249-429-11	CARBON	10K	5%	1/4W		
L705	1-407-696-00	INDUCTOR	18UH			R726	1-249-408-11	CARBON	180	5%	1/4W		
L706	1-407-709-00	INDUCTOR	220UH			R727	1-249-429-11	CARBON	10K	5%	1/4W		
L707	1-407-695-00	INDUCTOR	15UH			R728	1-249-408-11	CARBON	180	5%	1/4W		
L721	1-408-413-00	INDUCTOR	22UH			R729	1-249-441-11	CARBON	100K	5%	1/4W		
L751	1-408-399-00	INDUCTOR	1.5UH			R730	1-215-402-00	CARBON	160	5%	1/4W		
			_ 10011			R731	1-247-719-11	CARBON	3.3K	5%	1/4W	F	
	TRA	NSISTOR				R732	1-247-719-11	CARBON	3.3K	5%	1/4W		
0.701	0 720 226 11	TDANICICTOR	ccact 1			1 0722	1 047 710 11			-	P-611-6		
Q701	8-729-326-11 8-729-178-54	TRANSISTOR 2				R733	1-247-719-11	CARBON	3.3K	5%	1/4W	F	
Q702 Q703	8-729-200-17	TRANSISTOR 2 TRANSISTOR 2				R734	1-247-715-11	CARBON	1.5K	5%	1/4W		
0704	8-729-326-11	TRANSISTOR 2				R735	1-246-476-00 1-246-476-00	CARBON	1.3K	5%	1/4W		
0705	8-729-178-54	TRANSISTOR 2				R736	1-249-441-11	CARBON	1.3K 100K	5% 5%	1/4W 1/4W		
4/03	0-723-170-34	11/11/21/21/0K Z	302703			1/3/	1-543-441-11	CARDUN	TOOK	3/6	1/4W		
Q706	8-729-200-17	TRANSISTOR 2	SA1091			R739	1-247-881-00	CARBON	120K	5%	1/4W		
Q707	8-729-200-17	TRANSISTOR 2	SA1091			A CONTRACTOR OF THE PARTY OF TH	1-215-902-51	METAL OXIDE	47K	5%	2W	F	LV
Q708	8-729-326-11	TRANSISTOR 2				R741	1-249-438-11	CARBON	56K	5%	1/4W		
Q709	8-729-178-54	TRANSISTOR 2				R742	1-247-725-11	CARBON	10K	5%	1/4W	F	
Q710	8-729-255-12	TRANSISTOR 2	SC2551			R743	1-247-725-11	CARBON	10K	5%	1/4W	F	
0712	8-729-255-12	TRANSISTOR 2	SC2551			R744	1-247-725-11	CARRON	10K	59	1/4W	F	
Q714	8-729-200-17	TRANSISTOR 2				Summer full and pulsery was	.1-247-725-11	CARBON	1K	5% 5%	1/4W 1/4W	F	
0715	8-729-200-17	TRANSISTOR 2					1-215-879-51	METAL OXIDE	47K	5%	14	F	
Q716	8-729-200-17	TRANSISTOR 2				1 R747	1-247-725-11	CARBON	10K	5%	1/4W		200

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Ref.No. Part No.		Description				Remark	Ref.No	. Part No.	Description			Remark
R751 1-247-70 R752 1-249-40 R753 1-249-41 R754 1-249-41 R755 A.1-215-87	09-11 18-11 12-11	CARBON CARBON CARBON CARBON METAL OXIDE	220 220 1.2K 390 2.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	F	C2522 C2523 C2524	1-130-495-00 1-123-332-00 1-108-637-00 1-106-222-00 1-123-379-00	MYLAR ELECT MYLAR MYLAR ELECT	0.1MF 47MF 0.082MF 0.12MF 0.47MF	10% 20% 10% 10% 20%	50V 25V 100V 100V 50V
R756 1-249-41 R757 1-249-42 R758 1-249-43 R759 1-249-39 R760 1-249-41	26-11 35-11 93-11	CARBON CARBON CARBON CARBON CARBON	5.6K 33K 10	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	F.	C2527 C2530 C2532	1-108-634-81 1-108-614-91 1-106-224-00 1-106-367-00 1-108-630-91	MYLAR MYLAR MYLAR MYLAR MYLAR	0.047MF 0.001MF 0.15MF 0.01MF 0.022MF	10% 10% 10% 10% 10%	100V 100V 100V 100V 100V
R761 1-249-40 R762 1-249-40 R763 1-249-43 R764 1-249-39 R765 1-249-41	09-11 37-11 97-11	CARBON CARBON CARBON CARBON CARBON	220 220 47K 22 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	F	C2537	1-123-379-00 1-123-332-00 1-123-369-00	ELECT	0.47MF 47MF 4.7MF	20% 20% 20%	50V 25V 50V
R766 1-249-43 R767 1-249-44 R768 1-249-43 R769 1-249-41 R770 1-249-38	41-11 35-11 17-11	CARBON CARBON CARBON CARBON CARBON	33K 100K 33K 1K 4.7	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	F	D21 D22 D23 D24 D25	*1-566-058-11 *1-508-767-00 *1-508-766-00 *1-508-765-00 *1-508-784-00	5P PLUG 4P PLUG (M) 3P PLUG (M)	TOR 6P		
R771 1-249-38 R772 1-249-40		CARBON CARBON	4.7 56	5% 5%	1/4W 1/4W	F	D26	*1-566-054-11		TOR 2P		
	VAR	IABLE RESISTO	R				i	45				
RV701 1-226-15 RV703 1-228-72 RV705 1-228-72 RV706 1-228-72	29-00 27-00	RES, ADJ, MERES, ADJ, CERES, ADJ, CERES, ADJ, CERES, ADJ, CERES, ADJ, CERES	RAMIC (CARBON	220K		D2503	8-719-200-02 8-719-200-02	DIODE 10E2 DIODE 10E2	9		
******				****	*****	******	D2506			S-B		
*A-1340-9	936-A	D2 BOARD, COM	MPLETE				ļ	COI				
	CAP	ACITOR					1 2501	1-407-877-00	INDUCTOR	15MMH		
C2501 1-108-61 C2502 1-108-63 C2503 1-108-62 C2504 1-102-07	32-81 20-91	MYLAR MYLAR MYLAR CERAMIC	0.0022 0.033M 0.0033 0.001M	IF BMF	10% 10% 10% 10%	100V 100V 100V 50V	L2502 L2503 L2504	1-459-119-00 1-407-504-00 1-459-583-11 1-443-012-00	COIL, DUST INDUCTOR COIL (WITH TRANSFORMER	CORE(ARC) 10MMH CORE)	CONVERSI	ON
C2505 1-106-36			0.01MF			100v	L2506	1-459-123-00	COIL, DUST	CORE(PAC)		
C2506 1-108-62 C2507 1-106-36		MYLAR	0.0033 0.01MF		10% 10%	100V		TRA	NSISTOR			
C2508 1-123-37 C2509 1-123-35 C2510 1-123-35	79-00 56-00 56-00	ELECT ELECT	0.47MF 10MF 10MF		20% 20% 20%	100V 50V 50V 50V	Q2502 Q2503	8-729-178-54 8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR :	2 SC 2785 2 SC 2785		
C2511 1-123-35 C2512 1-123-35 C2513 1-123-35 C2514 1-123-36 C2515 1-123-33	59-00 57-00 51-00	ELECT ELECT ELECT	47MF 47MF 22MF 220MF 100MF		20% 20% 20% 20% 20%	50V 50V 50V 50V 25V	Q2505 Q2506 Q2507 Q2510	8-729-178-54 8-729-122-02 8-729-169-02 8-729-195-82	TRANSISTOR : TRANSISTOR : TRANSISTOR : TRANSISTOR :	2 SC2785 2 SA1220A 2 SC2690A 2 SC2958		
C2516 1-123-36 C2517 1-129-70 C2518 1-102-23 C2520 1-123-38	01-00 31-11	ELECT FILM CERAMIC ELECT	100MF 0.01MF 47PF 1MF		20% 5% 10% 20%	50V 100V 500V 50V	Q2512 Q2515	8-729-101-54 8-729-122-02 8-729-117-54 8-729-178-54	TRANSISTOR : TRANSISTOR : TRANSISTOR : TRANSISTOR :	2SA1175TP 2SA1220A 2SA1175	- F	

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PVM-2530 RM-739



R2501 R2502 R2503	RES	ISTOR					1					
R2502 R2503							R2560	1-249-430-11	CARBON	12K 59		
R2502 R2503		=10" -	20	Fet	1		R2561	1-249-429-11	CARBON	10K 59		
R2503	1-249-435-11	CARBON	33K	5%	1/4W		R2562	1-247-704-11	CARBON	220 59	1/4W	
	1-249-429-11	CARBON	10K	5%	1/4W		R2563	1-249-425-11	CARBON	4.7K 59	1/4W	
DOEGA	1-249-435-11	CARBON	33K	5%	1/4W		R2564	1-249-437-11	CARBON	47K 59	1/4W	
R2504	1-249-429-11	CARBON	10K	5%	1/4W		1					
R2505	1-249-420-11	CARBON	1.8K	5%	1/4W		R2565	1-249-441-11	CARBON	100K 59	1/4W	
							R2566	1-249-409-11	CARBON	220 59	1/4W	
R2506	1-249-429-11	CARBON	10K	5%	1/4W		R2567	1-249-421-11	CARBON	2.2K 59	1/4W	
R2507	1-249-437-11	CARBON	47K	5%	1/4W						D10 011-	
	1-249-437-11	CARBON	47K	5%	1/4W		į	VAR	IABLE RESI	STOR		
	1-249-418-11	CARBON	1.2K	5%	1/4W		i	4711	THEE MEST	3.011		
	1-249-438-11	CARBON	56K	5%	1/4W		I RV2501	1-228-727-00	RES AD.1	CERAMIC CARE	ON 47K	
112020	2 213 100 22	Ormoon	0011	0,0	-/			1-228-727-00		CERAMIC CARE		
R2511	1-249-439-11	CARBON	68K	5%	1/4W			1-228-727-00		CERAMIC CARE		
	1-249-429-11	CARBON	10K	5%	1/4W			The state of the s				
	1-249-417-11		1K	5%				1-228-724-00		CERAMIC CARE		
		CARBON			1/4W		KVZ5U5	1-228-724-00	RES, ADJ,	CERAMIC CARE	ON TUK	
	1-246-449-75	CARBON	100	5%	1/4W			70.				
KZ515	1-249-439-11	CARBON	68K	5%	1/4W			TRA	NSFORMER			
R2516	1-249-425-11	CARBON	4.7K	5%	1/4W		T2501	1-407-849-00	TRANSFORM	ER, D.F		
R2517	1-249-439-11	CARBON	68K	5%	1/4W							
R2518	1-249-439-11	CARBON	68K	5%	1/4W		*****	******	******	*****	******	******
R2519	1-249-437-11	CARBON	47K	5%	1/4W		1					
R2520	1-249-421-11	CARBON	2.2K	5%	1/4W		1	*A-1345-688-A	D BOARD,			
R2521	1-249-439-11	CARBON	68K	5%	1/4W				*****	*****		
R2522	1-249-430-11	CARBON	12K	5%	1/4W		1	CAE	ACITOR			
R2523	1-249-423-11	CARBON	3.3K	5%	1/4W		1	CAP	PACITOR			
							I CEOI	1 122 200 00	FLECT	1 ME	20%	FOU
R2524	1-249-426-11	CARBON	5.6K	5%	1/4W		C501	1-123-380-00	ELECT	1MF	20%	50V
R2525	1-249-426-11	CARBON	5.6K	5%	1/4W		C502	1-108-622-91	MYLAR	0.0047MF	10%	100V
00506	1 040 400 11		2 24	F =1	1		C503	1-108-622-91	MYLAR	0.0047MF	10%	100V
R2526	1-249-423-11	CARBON	3.3K	5%	1/4W		C504	1-123-323-00	ELECT	470MF	20%	16V
R2527	1-249-433-11	CARBON	22K	5%	1/4W		C505	1-123-379-00	ELECT	0.47MF	20%	50V
R2528	1-249-425-11	CARBON	4.7K	5%	1/4W		41-1-11					
R2529	1-249-433-11	CARBON	22K	5%	1/4W		C506	1-123-318-00	ELECT	33MF	20%	16V
R2530	1-249-423-11	CARBON	3.3K	5%	1/4W		C507	1-123-379-00	ELECT	0.47MF	20%	50V
							C508	1-136-173-00	FILM	0.47MF	5%	50V
R2531	1-249-401-11	CARBON	47	5%	1/4W	F	L C509	1-123-357-00	ELECT	22MF	20%	50V
	1-249-401-11	CARBON	47	5%		F	C512	1-136-161-00	FILM	0.047MF	5%	50V
	1-249-399-51	CARBON	33	5%		F	1 0312	1-130-101-00	1 ILN	0.047111	570	30 V
	1-249-429-11	CARBON	10K	5%	1/4W	L	C514	1-124-609-11	ELECT	470MF	10%	50V
R2540	1-249-434-11	CARBON	27K	5%	1/4W		C515	1-124-625-11	ELECT	22MF	10%	50V
DOEAT	1 247 002 00	CADDON	1504	EN	1 / 410		C516	1-123-336-00	ELECT	470MF	20%	25 V
	1-247-883-00	CARBON	150K	5%	1/4W	-	C520	1-102-244-00	CERAMIC	220PF	10%	500V
	1-216-426-51	METAL OXIDE	82	5%	1W	F	C521 A	1-123-364-51	ELECT	1000MF	20%	50V
	1-216-421-11	METAL OXIDE	12	5%	1W	F						
	1-215-884-51	METAL OXIDE	47	5%	2W	F	C522	1-123-875-91	ELECT	10MF	20%	500
R2545	1-249-421-11	CARBON	2.2K	5%	1/4W		C523	1-106-387-00	MYLAR	0.1MF	10%	200V
							C524	1-106-381-12	MYLAR	0.039MF	10%	200V
R2546	1-247-706-11	CARBON	330	5%	1/4W		C525	1-102-244-00	CERAMIC	220PF	10%	500V
		CARBON	33K	5%	1/4W		C526	1-124-342-00	ELECT	3.3MF	20%	160V
R2548	1-249-439-11	CARBON	68K	5%	1/4W		1			J. JIII	20/0	1004
R2549	1-247-895-00	CARBON	470K	5%	1/4W		C527	1-108-694-81	MYLAR	0.015MF	10%	200V
	1-249-429-11											
K233U	1-249-429-11	CARBON	10K	5%	1/4W		C528	1-162-318-11	CERAMIC	0.001MF	10%	500V
DOCEA	1 247 005 00	CADDON	4701	F~	1 /411		C529	1-123-356-00	ELECT	10MF	20%	50V
R2554	1-247-895-00	CARBON	470K	5%	1/4W		C530	1-123-356-00	ELECT	10MF	20%	50V
R2555	1-249-424-11	CARBON	3.9K	5%	1/4W		C531	1-123-379-00	ELECT	0.47MF	20%	50V
R2556	1-249-425-11	CARBON	4.7K		1/4W							
R2557	1-249-429-11	CARBON	10K	5%	1/4W		C535	1-123-381-00	ELECT	2.2MF	20%	50V
R2558	1-249-425-11	CARBON	4.7K	5%	1/4W		C536	1-123-381-00	ELECT	2.2MF	20%	50V
							C537	1-136-173-00	FILM	0.47MF	5%	50 V
R2559	1-249-433-11	CARBON	22K	5%	1/4W		C538	1-123-333-00	ELECT	100MF	20%	25V

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Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark	
C539 C540 C541 C542 C543	1-123-380-00 1-123-369-00 1-123-369-00 1-123-381-00 1-123-330-00	ELECT ELECT ELECT ELECT ELECT	1MF 4.7MF 4.7MF 2.2MF 22MF	20% 20% 20% 20% 20%	50V 25V 25V 50V 16V	C1550 C1551 C1552	1-102-129-00 1-102-973-00 1-102-030-00 1-106-367-00 1-123-379-00	CERAMIC CERAMIC CERAMIC MYLAR ELECT	0.01MF 100PF 330PF 0.01MF 0.47MF	10% 5% 10% 10% 20%	50V 50V 500V 100V 50V	
C544 C545 C546 C547 C548	1-123-369-00 1-123-330-00 1-123-381-00 1-123-333-00 1-123-321-00	ELECT ELECT ELECT ELECT ELECT	4.7MF 22MF 2.2MF 100MF 220MF	20% 20% 20% 20% 20%	50V 25V 50V 25V 16V	C1555 C1556 C1557	1-106-367-00 1-102-110-00 1-123-333-00 1-108-622-91 1-123-330-00	MYLAR CERAMIC ELECT MYLAR ELECT	0.01MF 220PF 100MF 0.0047MF 22MF	10% 10% 20% 10% 20%	100V 50V 25V 100V 16V	
C551 C552 C555 C556 C557	1-123-357-00 1-123-356-00 1-123-379-00 1-136-173-00 1-124-464-11	ELECT ELECT ELECT FILM ELECT	22MF 10MF 0.47MF 0.47MF 0.22MF	20% 20% 20% 5% 20%	50V 50V 50V 50V 50V	C1560 C1565 C1566	1-123-379-00 1-123-379-00 1-106-220-00 1-162-115-51 1-162-134-51	ELECT ELECT MYLAR CERAMIC CERAMIC	0.47MF 0.47MF 0.1MF 330PF 470PF	20% 20% 10% 10%	50V 50V 100V 2KV 2KV	
C1504	1-108-634-81 1-106-220-00 1-106-371-00 1-123-330-00 1-108-630-91	MYLAR MYLAR MYLAR ELECT MYLAR	0.047MF 0.1MF 0.015MF 22MF 0.022MF	10% 10% 10% 20% 10%	100V 100V 100V 16V 100V	C1569A C1570 C1571	1-130-706-11 1-129-747-11 1-129-751-00 1-102-030-00 1-123-321-00	FILM FILM FILM CERAMIC ELECT	0.008MF 0.047MF 0.1MF 330PF 220MF	3% 10% 20% 10% 20%	1.6KV 400V 400V 500V 16V	
C1509	1-123-381-00 1-123-332-00 1-130-868-00 1-123-369-00 1-102-820-00	ELECT ELECT FILM ELECT CERAMIC	2.2MF 47MF 0.0056MF 4.7MF 330PF	20% 20% 5% 20% 5%	50V 25V 50V 25V 50V	C1577 C1578 C1579	1-123-332-00 1-123-318-00 1-108-630-91 1-106-220-00 1-123-357-00	ELECT ELECT MYLAR MYLAR ELECT	47MF 33MF 0.022MF 0.1MF 22MF	20% 20% 10% 10% 20%	25 V 16 V 100 V 100 V 50 V	
C1513 C1514	1-123-321-00 1-123-379-00 1-108-634-81 1-123-369-00 1-102-125-00	ELECT ELECT MYLAR ELECT CERAMIC	220MF 0.47MF 0.047MF 4.7MF 0.0047MF	20% 20% 10% 20% 10%	16V 50V 100V 50V 50V	C1591	1-108-621-91 1-131-351-00 1-124-657-00 1-106-367-00	MYLAR TANTALUM ELECT MYLAR	0.0039MF 4.7MF 10MF 0.01MF	10% 10% 20% 10%	100V 35V 50V 200V	
01501	1 100 001 01	ihi ii		- 111		j	CON	INECTOR				
C1523 C1524	1-108-631-81 1-123-333-00 1-102-978-00 1-108-704-61 1-162-117-00	MYLAR ELECT CERAMIC MYLAR CERAMIC	0.027MF 100MF 220PF 0.1MF 100PF	10% 20% 5% 10% 10%	100V 25V 50V 200V 500V	D2 D3 D4	*1-508-766-00 *1-566-054-11 *1-566-054-11 *1-508-765-00 *1-506-348-XX	4P PLUG (M) PIN, CONNECT PIN, CONNECT 3P PLUG (M) 4P PLUG				
C1528 C1529	1-102-157-00 1-102-038-00 1-108-698-61 1-102-820-00 1-123-361-00	CERAMIC CERAMIC MYLAR CERAMIC ELECT	560PF 0.001MF 0.033MF 330PF 220MF	10% 10% 5% 20%	500V 500V 200V 50V 50V	D6 D7 D8 D9	*1-508-767-00 *1-566-056-11 *1-508-765-00 *1-508-765-00 *1-508-768-00	5P PLUG PIN, CONNECT 3P PLUG (M) 3P PLUG (M) 6P PLUG	OR 4P			
C1532 C1533A C1534A	1-125-294-11 1-124-006-11 1-162-115-51 1-136-330-11 1-129-953-00	FILM	560MF 10MF 330PF 0.014MF 0.068MF	20% 20% 10% 3% 20%	160V 25V 2KV 1.6KV 1.5KV	 D11 D12	*1-508-768-00 *1-566-055-11 *1-566-058-11	6P PLUG PIN, CONNECT PIN, CONNECT	OR 3P			
	1-123-333-00	ELECT	100MF	20%	16V		DIC	DUE				
C1537 C1539∱ C1540∱ C1541	1-123-333-00 11-102-228-11 1-162-115-51 1-108-614-91	ELECT CERAMIC CERAMIC MYLAR	100MF 470PF 330PF 0.001MF	20% 10% 10% 10%	16V 500V 2KV 100V	D501 D502 D503 D504 D506	8-719-815-55 8-719-200-02 8-719-300-76 8-719-300-76 8-719-200-02	DIODE 1S1555 DIODE 10E2 DIODE RH1A DIODE RH1A DIODE 10E2				
C1543	1-136-179-00 1-102-820-00 1-136-328-11	FILM CERAMIC FILM	1.5MF 330PF 1MF	5% 5% 5%	200V 50V 400V	 D508 D510	8-719-110-34 8-719-109-88	DIODE RD13ES DIODE RD5.6E				

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Ref.No. Part No.	Description	Remark	Ref.No. Part No.	Description
D515 8-719-000-12 D516 8-719-000-12	DIODE RO15ES-B DIODE MC931 DIODE MC931		L1512A 1-459-308-32 L1512A 1-421-329-00 L1513 1-407-365-00	COIL, HORIZONTAL LINEARITY COIL, CHOKE COIL, CHOKE
	DIODE RD24ES-B DIODE RD24E-BZ7		NEC	ON LAMP
D521 8-719-815-55 D522 8-719-120-78	DIODE 1S1555 DIODE RD6.2ES-L3		NL501 1-519-237-11	LAMP, NEON
D1502 8-719-815-55	DIODE 1S1555 DIODE RD15ES-B		TRA	ANSISTOR
D1508 8-719-815-55	DIODE 151555		Q501	TRANSISTOR 2SC2785
D1509 8-719-200-02 D1510 8-719-300-74	DIODE 10E2 DIODE RH1		Q503	TRANSISTOR 2SA1175
	DIODE RH1A		Q506 8-729-178-54	TRANSISTOR 2SC2785
D1513 8-719-901-19			Q510 8-729-195-82	
D1516 8-719-903-09			Q512 <u>A</u> .8-729-169-02	TRANSISTOR 2SA122OA-Q TRANSISTOR 2SC269OA-Q
	DIODE ERC26-15S		Q515 8-729-117-54	TRANSISTOR 2SA1175
D1518AA8-719-302-98			Q517 8-729-178-54	TRANSISTOR 2SD774 TRANSISTOR 2SC2785
D1518BA 8-719-302-98 D1525 8-719-815-55 D1527 8-719-300-76	DIODE 1S1555		Q518	TRANSISTOR 2SC2785
	DIODE ERC26-15SA		Q520	TRANSISTOR 2SC2785 TRANSISTOR 2SA1175
D1530 8-719-300-76			Q523 8-729-117-54 Q523 8-729-117-54 Q1501 8-729-117-54	TRANSISTOR 2SA1175
D1531 8-719-300-38 D1535 8-719-110-60	DIODE GU-3A		Q1503 8-729-203-81 Q1504\(\Lambda \) 8-729-301-74	TRANSISTOR 2SC2238B
D1536 8-719-102-65 D1537 8-719-102-74	DIODE RD4.7E-N2 DIODE RD6.2E-N2		4-374-410-01	SPACER, MICA; Q1504
D1538 8-719-815-55	DIODE 181555		*4-374-413-01 Q1505 8-729-177-43	
D1540 8-719-102-71	DIODE RD5.6E-N2		Q1506 8-729-374-02 Q1507 8-726-420-00	TRANSISTOR 2SB740 THYRISTOR SG-264A
<u>IC</u> IC501 <u>∧</u> 8-759-178-12	TC UDC70: 10		3-703-320-00	
IC501A 8-759-178-12 IC503 8-759-178-12 IC504 8-759-700-08	IC UPC78L12 IC UPC78L12 IC NJM4558S		4-303-844-00 *4-309-762-00 01508 8-729-301-74	
IC1501 8-759-100-60 IC1502 8-759-700-08	IC UPC1377C IC NJM4558S		4-374-410-01	SPACER, MIÇA; Q1508
IC1503 8-759-700-08			*4-374-413-01 01511 8-729-374-02	RETAINER (A), TR; Q1508 TRANSISTOR 2SB740
COI	L 2 HOUR BUT TO THE			TRANSISTOR 2SA1175
	COIL, DYNAMIC CONVERSION CHOKE		Q1514 8-729-178-54	TRANSISTOR 2SC2785
L1501 1-407-364-00 L1502 1-459-215-00 L1503 1-407-365-00	COIL, SPOOK CHOKE 3.3UH CORE COIL COIL, CHOKE		Q1515 8-729-178-54 Q1520 8-729-168-82 4-377-115-01	TRANSISTOR 2SC2785 TRANSISTOR 2SC2688 SPACER, MICA; Q1520
L1504 1-407-365-00	COIL, CHOKE		*4-381-170-01	HOLDER, TR; Q1520
L1505 1-407-365-00 L1506 1-459-104-00	COIL, CHOKE COIL, DUST CORE		RES	SISTOR
L1508 1-421-390-11 L1510 1-407-365-00	COIL, FERRITE (PMC)		R501	CARBON 470K 5% 1/4W CARBON 10K 5% 1/4W
L1511 1-407-365-00	COIL, CHOKE		R503 1-249-425-11 R504 1-249-429-11	CARBON 4.7K 5% 1/4W CARBON 10K 5% 1/4W

The components identified by shading and mark are critical for safety.

Replace only with part number specified.



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R 505 R 506 R 507 R 508 R 509	1-249-421-11 1-249-435-11 1-249-424-11 1-247-726-11 1-249-428-11	CARBON CARBON CARBON CARBON CARBON	2.2K 33K 3.9K 33K 8.2K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R567 R568 R569 R570 R571	1-249-429-11 1-247-725-11 1-249-469-11 1-247-725-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	10K 10K 100K 10K 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
R510 R511 R512 R513 R514	1-249-431-11 1-249-432-11 1-247-158-00 1-249-430-11 1-249-438-11	CARBON CARBON CARBON CARBON CARBON	15K 18K 13K 12K 56K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R572 R573 R574 R575 R576	1-247-725-11 1-249-465-11 1-247-885-00 1-249-433-11 1-249-441-11	CARBON CARBON CARBON CARBON CARBON	10K 47K 180K 22K 100K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
R515 R516 R517 R518 R519	1-249-468-11 1-247-713-11 1-249-420-11 1-247-721-11 1-247-715-11	CARBON CARBON CARBON CARBON CARBON	82K 1K 1.8K 4.7K 1.5K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R577 R578 R579 R580 R581	1-247-885-00 1-249-441-11 1-249-424-11 1-249-423-11 1-247-723-11	CARBON CARBON CARBON CARBON CARBON	180K 100K 3.9K 3.3K 6.8K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
R520 R521 R522 R523 R525	1-249-429-11 1-249-434-11 1-249-438-11 1-214-765-00 1-216-353-00	CARBON CARBON CARBON METAL METAL OXIDE	10K 27K 56K 33K 2.2	5% 5% 5% 1% 5%	1/4W 1/4W 1/4W 1/4W 1W	F	R582 R583 R584 R585 R586	1-249-441-11 1-249-429-11 1-249-438-11 1-249-435-11 1-247-720-11	CARBON CARBON CARBON CARBON CARBON	100K 10K 56K 33K 3.9K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R526 R527 R528 R529 R530	1-249-423-11 1-249-420-11 1-249-412-11 1-249-414-11 1-249-410-11	CARBON CARBON CARBON CARBON CARBON	3.3K 1.8K 390 560 270	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R587 R588 R589 R590 R591	1-249-424-11 1-249-441-11 1-249-421-11 1-249-409-11 1-249-409-11	CARBON CARBON CARBON CARBON CARBON	3.9K 100K 2.2K 220 220	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R531 R532 R533 R534 R535	1-249-417-11 1-249-438-11 1-249-435-11 1-249-423-11 1-247-719-11	CARBON CARBON CARBON CARBON CARBON	1K 56K 33K 3.3K 3.3K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R593	1-206-753-61 1-249-460-11 1-249-431-11 1-246-488-00	METAL OXIDE CARBON CARBON CARBON METAL	15K 15K 15K 4.3K	5% 5% 5%	3W 1/4W 1/4W 1/4W	F
R537 A R538 R539	1-249-393-51 1-249-399-51 1-215-869-11 1-216-350-11 1-249-405-51	CARBON CARBON METAL OXIDE METAL OXIDE CARBON	10 33 1K 1.2 100	5% 5% 5% 5% 5%	1W 1W	F F F	R598 R599 R1501 R1502 R1503	1-214-749-00 1-214-741-00 1-249-411-11 1-249-422-11 1-247-700-11	METAL METAL CARBON CARBON CARBON	6.8K 3.3K 330 2.7K 100	1% 1% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R541 R542 R543 A R544 R546	1-216-350-11 1-215-865-11 1-249-382-51 1-215-869-11 1-247-715-11	METAL OXIDE METAL OXIDE CARBON METAL OXIDE CARBON	1.2 220 1.2 1K 1.5K	5% 5% 5% 5% 5%	1W 1W 1/4W 1W 1/4W	F F F	R1504 R1505 R1506 R1507 R1508	1-249-435-11 1-249-441-11 1-215-484-00 1-249-433-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	33K 100K 430K 22K 10K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
	1-216-432-00 1-247-720-11 \(\) 1-215-891-51 1-247-721-11 1-247-725-11	METAL OXIDE CARBON METAL OXIDE CARBON CARBON	820 3.9K 680 4.7K 10K	5% 5% 5% 5%	1W 1/4W 2W 1/4W 1/4W	F	R1512	1-249-405-11 1-249-433-11 1-247-881-00 1-249-440-11 1-249-423-11	CARBON CARBON CARBON CARBON CARBON	100 22K 120K 82K 3.3K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R558 R560 R561 R562 R563	1-247-723-11 1-247-713-11 1-247-708-11 1-247-704-11 1-247-704-11	CARBON CARBON CARBON CARBON CARBON	6.8K 1K 470 220 220	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1515 R1516 R1518	1-215-458-00 1-249-441-11 1-249-430-11 1-249-429-11 1-249-469-11	CARBON CARBON CARBON CARBON CARBON	36K 100K 12K 10K 100K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R564 R565 R566	1-247-725-11 1-249-429-11 1-247-725-11	CARBON CARBON CARBON	10K 10K 10K	5% 5% 5%	1/4W 1/4W 1/4W		R1521	1-249-435-11 1-247-701-11 1-247-700-11	CARBON CARBON CARBON	33K 120 100	5% 5% 5%	1/4W 1/4W 1/4W	

The components identified by shading and mark recritical for safety.

Replace only with part number specified.

The components identified by in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.



Ref.No. Part No.	Description			Remark	Ref.No. Part No. Description Remark
R1523 1-247-700-11 R1525 1-247-723-11 R1526 1-246-543-00 R1527 1-246-545-00 R1529 1-215-918-00	CARBON CARBON CARBON CARBON METAL OXIDE	100 5% 6.8K 5% 820K 5% 1M 5% 1.5K 5%	1/4W 1/4W 1/4W 1/4W 3W		R1580
R1530 1-247-700-11 R1531 1-247-713-11 R1532 1-215-920-51 R1533 1-247-721-11 R1534 1-216-482-11	CARBON CARBON METAL OXIDE CARBON METAL OXIDE	100 5% 1K 5% 3.3K 5% 4.7K 5% 1.8K 5%			R1585
R1535 1-216-388-11 R1536 1-247-697-11 R1537A 1-249-389-51 R1538A 1-249-389-51 R1539A 1-216-434-51	METAL OXIDE CARBON CARBON CARBON METAL OXIDE	0.82 5% 56 5% 4.7 5% 4.7 5% 1.8K 5%	3W F 1/4W 1/4W F 1/4W F	: 213,235 v : 213,236 v	R1593
R1540 1-215-915-51	METAL OXIDE	470 5%		532	VARIABLE RESISTOR
R1541 1-216-479-51 R1542 1-215-880-00 R1543 1-215-866-11 R1544 1-216-448-51	METAL OXIDE METAL OXIDE METAL OXIDE METAL OXIDE	560 5% 10 5% 330 5% 39 5%			RV501
R1545 1-247-693-11 R1546 1-216-373-91	CARBON METAL OXIDE	27 5% 2.2 5%	1/4W 2W F		RV507 1-228-725-00 RES, ADJ, CERAMIC CARBON 22K
R1547 1-247-697-11 R1548 1-249-382-11 R1549 1-249-448-11	CARBON CARBON CARBON	56 5% 1.2 5% 1.2 5%	1/4W 1/4W F 1/4W F		RV508
R1550 1-249-385-11 R1551 1-247-688-11 R1552 1-247-725-11 R1553 1-249-425-11 R1554 1-249-410-11		2.2 5% 10 5% 10K 5% 4.7K 5% 270 5%	1/4W F 1/4W F 1/4W 1/4W F 1/4W	21/21 I	RV1505 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K RV1506 1-228-727-00 RES, ADJ, CERAMIC CARBON 47K RV1510 1-228-720-00 RES, ADJ, CERAMIC CARBON 1K
R1555 1-249-465-11		47K 5%	1/4W		SPARK GAP
R1556 1-249-425-11 R1557 1-249-429-11 R1558 1-249-425-11 R1559 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	4.7K 5% 10K 5% 4.7K 5% 1K 5%	1/4W 1/4W 1/4W 1/4W		SG1501 1-519-063-XX DISCHARGING GAP TRANSFORMER
R1560 1-215-452-00 R1561 1-214-746-00 R1562 1-247-713-11	CARBON METAL CARBON	20K 5% 5.1K 1% 1K 5%	1/4W 1/4W 1/4W		T1501 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE T1502 1-437-089-00 TRANSFORMER, HORIZONTAL DRIVE T15031.1-439-356-11 HOT T15131.1-421-388-11 LOT
R1563 1-247-718-11 R1564 1-249-405-11	CARBON CARBON	2.7K 5% 100 5%	1/4W 1/4W F		 ***********************************
R1565 1-249-433-11 R1566 1-249-439-11 R1567 1-249-435-11 R1568 1-247-713-11 R15711.1-249-448-51	CARBON CARBON CARBON CARBON	22K 5% 68K 5% 33K 5% 1K 5% 1.2 5%	1/4W 1/4W 1/4W 1/4W		*1-620-767-11 H4 BOARD ******** CONNECTOR
R1572A1-249-448-51	CARBON	1.2 5%	1/4W F		H4-11 *1-566-063-11 PIN, CONNECTOR 11P
R1573 <u>A</u> .1-249-382-51 R1574 1-216-424-11	METAL OXIDE	1.2 5% 39 5%	1/4W F		THE TEST OF THE TE
R1575 1-249-382-11 R1576 1-215-869-11	CARBON METAL OXIDE	1.2 5% 1K 5%	1/4W F	10500	
R1577 1-249-425-11 R1578 1-202-723-00 R1579 1-247-718-11	CARBON SOL ID CARBON	4.7K 5% 2.2M 10% 2.7K 5%	1/4W 1/2W 1/4W		RETURN OF THE PROPERTY AND A STATE OF THE PROPERTY AND A S

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Ref.No. Part No.	Description			Remark	Ref.No.	Part No.	Descriptio	n		Remark
*1-620-768-11 COM	H6 BOARD *******				C3442	1-108-618-91 1-126-101-11 1-124-462-00	ELECT MYLAR ELECT ELECT	100MF 0.0022MF 100MF 10MF	20% 10% 20% 20%	16V 100V 16V 16V
H6-31 *1-566-059-11 H6-32 *1-566-060-11 H6-33 *1-566-062-11 H6-34 *1-566-062-11 H6-35 *1-566-056-11	PIN, CONNEC PIN, CONNEC PIN, CONNEC PIN, CONNEC	TOR 8P TOR 10P TOR 10P			C3463	1-126-101-11 1-123-820-00 1-101-004-00		100MF 33MF 0.01MF	20%	16V 16V 50V
H6-36 *1-566-054-11 H6-37 *1-566-054-11	PIN, CONNEC PIN, CONNEC PIN, CONNEC	TOR 2P			D3420 D3421 D3422	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS1 DIODE 1SS1 DIODE 1SS1	19		
**************************************		*****	*****	*****	DOTEOR	8-719-112-64 8-719-110-36 8-719-911-19	DIODE RD10 DIODE RD13 DIODE 1SS1	ES-T1B2 ES-B2		
CON H5-1 *1-566-054-11 H5-2 *1-566-056-11	PIN, CONNEC PIN, CONNEC	TOR 2P TOR 4P			D3428	8-719-109-93 8-719-911-19 8-719-110-15 8-719-110-15	DIODE RD6. DIODE 1SS1 DIODE RD10 DIODE RD10	19 ES-B		
	ТСН				D3435 D3438	8-719-110-15 8-719-110-17	DIODE RD10 DIODE RD10			
S981 1-570-145-11 S982 1-570-145-11	SWITCH, SLI SWITCH, SLI					<u>IC</u>				
*******	******	*****	******	*****	103407 -	8-752-030-31	IC CXA1024	S		
*A-1373-058-A	UB BOARD, C	OMPLETE			L3401	1-408-424-00		180UH		
CAF	PACITOR					TRA	ANSISTOR			
C3414 1-124-464-11 C3415 1-124-464-11 C3416 1-124-464-11 C3417 1-124-464-11 C3418 1-124-464-11	ELECT ELECT ELECT ELECT ELECT	0.22MF 0.22MF 0.22MF 0.22MF 0.22MF	20% 20% 20% 20% 20%	50V 50V 50V 50V 50V	Q3432 Q3433 <u>A</u>	8-729-900-36 8-729-178-54 8-729-178-54 8-729-101-37 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785 2SC2785 2SC2785TP-I		
C3419 1-124-464-11 C3420 1-101-004-00 C3421 1-124-462-00 C3422 1-124-462-00	ELECT CERAMIC ELECT ELECT	0.22MF 0.01MF 10MF 10MF	20% 20% 20%	50V 50V 16V 16V		8-729-178-54 8-729-117-54	TRANSISTOR TRANSISTOR SISTOR			
C3424 1-108-833-00 C3425 1-108-837-00 C3426 1-108-845-00 C3427 1-108-833-00 C3428 1-108-837-00	CERAMIC MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR	0.01MF 0.0047MF 0.01MF 0.047MF 0.0047MF 0.01MF	10% 10% 10% 10%	50 V 50 V 50 V 50 V 50 V		1-247-717-11 1-249-429-11 1-249-429-11 1-249-405-11 1-249-405-11	CARBON CARBON CARBON CARBON CARBON	2.2K 55 10K 55 10K 55 100 55 100 55	6 1/4 6 1/4 6 1/4	W W W
C3429 1-108-845-00 C3430 1-108-833-00 C3431 1-108-845-00 C3433 1-108-837-00 C3434 1-101-004-00	MYLAR MYLAR MYLAR MYLAR CERAMIC	0.047MF 0.0047MF 0.047MF 0.01MF 0.01MF	10% 10% 10% 10%	50 V 50 V 50 V 50 V 50 V	R3357 R3358 R3359	1-249-405-11 1-249-409-11 1-249-429-11 1-249-429-11 1-249-462-11	CARBON CARBON CARBON CARBON CARBON	100 59 220 59 10K 59 10K 59 22K 59	6 1/4 6 1/4 6 1/4	W W
C3435 1-124-236-00 C3436 1-124-247-00 C3437 1-101-004-00	ELECT ELECT CERAMIC	47MF 10MF 0.01MF	20% 20%	16 V 25 V 50 V	R3361 R3363 R3364 R3365	1-247-725-11 1-247-704-11 1-247-704-11 1-247-704-11	CARBON CARBON CARBON CARBON	10K 55 220 55 220 55 220 55	6 1/4 6 1/4	W W

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Ref.No. Part No.	Description		Remark	Ref.No.	Part No.	Descript	ion		Remark
R3366 1-247-713-11	CARBON 1K		4W	1	1-537-105-11	TERMINAL	BOARD, INPUT/	OUTPUT	
R3367 1-247-713-11			4W	E.					
R3368 1-247-713-11	CARBON 1K		4W	ļ	CAF	PACITOR			
R3369 1-215-424-00			6W						
R3370 1-249-413-11	CARBON 470	5% 1,	/4W	C2201	1-124-236-00	ELECT	47MF	20%	16V
				C2202	1-124-462-00	ELECT	10MF	20%	167
R3371 1-249-413-11	CARBON 470		/4W	C2203	1-124-462-00	ELECT	10MF	20%	16V
R3372 1-247-717-11			/4W	C2204	1-124-236-00	ELECT	47MF	20%	16V
R3373 1-249-421-11	CARBON 2.2K		/4W	C2205	1-124-462-00	ELECT	10MF	20%	16V
R3374 1-215-493-00			4W						
R3375 1-249-421-11	CARBON 2.2K	5% 1,	/4W	C2206	1-124-462-00	ELECT	10MF	20%	161
	P.L. NEST	V. F-43		C2207	1-124-236-00	ELECT	47MF	20%	16V
R3376 1-249-421-11	CARBON 2.2K		/4W	C2208	1-124-462-00	ELECT	10MF	20%	16V
R3377 1-249-421-11	CARBON 2.2K		/4W	C2209	1-124-236-00	ELECT	47MF	20%	16V
R3378 1-249-429-11	CARBON 10K		/4W	C2210	1-101-004-00	CERAMIC	0.01MF		50V
R3379 1-249-413-11	CARBON 470		/4W	1					
R3380 1-249-436-11	CARBON 39K	5% 1,	/4W	C2211	1-124-236-00	ELECT	47MF	20%	16V
				C2212	1-123-622-00	ELECT	22MF	20%	16V
R3381 1-249-434-11	CARBON 27K	5% 1,	/4W	C2213	1-124-236-00	ELECT	47MF	20%	167
R3382 1-249-417-11	CARBON 1K		/4W	C2214	1-101-004-00	CERAMIC	0.01MF	_ 0,0	50V
R3383 1-249-417-11	CARBON 1K		/4W	C2215	1-124-462-00	ELECT	10MF	20%	16V
R3384 1-249-429-11	CARBON 10K		/4W	1		,	in The Inc	2.070	
R3385 1-249-417-11	CARBON 1K		/4W	C2216	1-124-462-00	ELECT	10MF	20%	16V
	T-CT CD 1015	-1-1111	The Tree	C2232	1-136-161-00	FILM	0.047MF	5%	50V
R3386 1-249-405-11	CARBON 100	5% 1/	/4W	I C2234	1-124-257-00	ELECT	2.2MF	20%	50V
R3387 1-249-405-11	CARBON 100		/4W	C2235	1-123-611-00	ELECT	1MF	20%	50V
R3388 1-249-405-11	CARBON 100		/4W	C2301	1-124-462-00	ELECT	10MF	20%	167
R3456 1-249-433-11	CARBON 22K		/4W	1 02301		LLLCI	10111	20%	TOA
R3460 1-249-438-11	CARBON 56K		/4W	C2302	1-124-261-00	ELECT	10MF	20%	50V
2 2 2 10 100 11	55011	370 1)	,	C2303	1-124-261-00	ELECT	10MF	20%	50V
R3461 1-249-427-11	CARBON 6.8K	5% 1,	/4W	1 C2304	1-124-261-00	ELECT	10MF	20%	50V
R3470 1-246-529-00			/4W	C2304	1-101-006-00	CERAMIC	0.047MF	20/0	50V
R3492 1-249-429-11	CARBON 10K		/4W	C2306	1-136-153-00	FILM	0.04/MF	5%	50V
R3493 1-249-429-11	CARBON 10K		4W	1 62300	1-130-133-00	LILI	0.0117	J /6	301
R3497 1-249-438-11	CARBON 56K		/4W	C2307	1-124-247-00	ELECT	10MF	20%	25 V
NO.3/ 1-273-430-11	CANDON JOK	J/6 1/	717	C2307	1-124-247-00		47MF		
R3498 1-247-887-00	CARBON 220K	5% 1,	/4W			ELECT		20%	16V
R3499 1-249-441-11			4W	C2309	1-124-261-00	ELECT	10MF	20%	50V
NJ-777 1-247-441-11	CAKBON 100K	3/6 1/	711	C2310		ELECT	4.7MF	20%	25 V
VA	RIABLE RESISTOR			1 (2311	1-101-004-00	CERAMIC	0.01MF		50V
V P	MINDLE KESISTUR			C2312	1 12/ 226 00	FLECT	A 7ME	200	164
RV3301 1-228-993-00	DEC AD 1 CARRON A	7v			1-124-236-00	ELECT	47MF	20%	167
RV3301 1-228-993-00				C2313	1-124-236-00	ELECT	47MF	20%	167
KV33UZ 1-ZZO-993-UU	RES, ADJ, CARBON 4	. / N		C2314	1-101-004-00	CERAMIC	0.01MF	E ou	50V
	NNECTOR			C2315	1-102-820-00	CERAMIC	330PF	5%	50V
\overline{cc}	NNECTOR			C2316	1-101-004-00	CERAMIC	0.01MF		50V
(ID) +1 FEE 0E0 11	DIN CONNECTOR CD			1 00017	1 100 007 00	CEDANTO	4705	F.A/	50
UBl *1-566-058-11				C2317	1-102-887-00	CERAMIC	47PF	5%	50V
UB2 *1-566-058-11				C2318	1-102-887-00	CERAMIC	47PF	5%	50V
UB3 *1-566-054-11				C2319	1-102-887-00	CERAMIC	47PF	5%	500
JB4 *1-566-061-11	PIN, CONNECTOR 9P			C2320	1-101-004-00	CERAMIC	0.01MF		50V
JB6 *1-566-054-11	PIN, CONNECTOR 2P			C2321	1-101-004-00	CERAMIC	0.01MF		50V
				716		19.0	ALTM DESIGN	75 50	
UB7 *1-566-059-11	PIN, CONNECTOR 7P			C3464	1-124-462-00	ELECT	10MF	20%	167
JB8 *1-566-057-11	PIN, CONNECTOR 5P			C3465	1-102-121-00	CERAMIC	0.0022MF	10%	50V
JB9 *1-566-055-11	PIN, CONNECTOR 3P			C3466	1-102-121-00	CERAMIC	0.0022MF	10%	50V
JB10 *1-566-056-11	PIN, CONNECTOR 4P			C3467	1-124-444-00	ELECT	220MF	20%	100
	100012	135-66	61179	C3468	1-124-120-11	ELECT	220MF	20%	16V
*******	*******	*****	******		1 104 444 55	U0.1	1376, 19715	UB BOL	100
				C3469	1-124-444-00	ELECT	220MF	20%	10V
*A-1373-088-A				C3470	1-124-120-11	ELECT	220MF	20%	16V
	******			C3471	1-124-236-00	ELECT	47MF	20%	16V
				C3472	1-124-444-00	ELECT	220MF	20%	101
1-537-044-11	TERMINAL BOARD, IN	PUT/OUTPU		C3473	1-123-661-00	ELECT	100MF	20%	6.3V



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Ref.No. Part No.	Description	Remark	Ref.No. P	art No.	Description			Remark
D2301 8-719-911-19 D2305 8-719-911-19 D2308 8-719-911-19 D2309 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		Q2320 8 Q2321 8 Q2322 8	3-729-178-54 3-729-178-54 3-729-178-54 3-729-178-54 3-729-900-36	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR DTC124ES			
D2310 8-719-110-03 D2311 8-719-110-03 D2312 8-719-110-03 D2313 8-719-110-37 D2314 8-719-911-19 D2315 8-719-911-19	DIODE RD7.5ES-B2 DIODE RD13ES-B3 DIODE 1SS119		Q2330 8 Q2331 8		TRANSISTOR 2SC2785 TRANSISTOR DTC124ES TRANSISTOR 2SC2785 TRANSISTOR 2SC2785			
D2316 8-719-911-19 D2317 8-719-911-19 D2321 8-719-109-93	DIODE 1SS119 DIODE 1SS119 DIODE RD6.2ES-B2		R2202 1 R2203 1 R2204 1 R2205 1	-249-429-11 -249-429-11 -249-429-11 -249-421-11 -247-104-00	CARBON 10K CARBON 10K CARBON 2.2K CARBON 75	5% 1 5% 1 5% 1	/4W /4W /4W /4W /4W	
D2324 8-719-109-95 IC			R2215 1 R2227 1 R2228 1	-247-104-00 -247-104-00 -247-717-11 -247-895-00 -249-417-11	CARBON 75 CARBON 75	5% 1 5% 1 5% 1	/4W /4W /4W /4W	
IC2301 8-759-900-09	IC SN74LSO9N		R2231 1 R2232 1 R2233 1	-249-441-11 -249-441-11 -247-891-00 -247-891-00	CARBON 100K CARBON 100K CARBON 330K CARBON 330K	5% 1 5% 1 5% 1 5% 1	/4W /4W /4W /4W	
	IC SN74LS11N IC SN74LS09N IC SN74LS138N IC SN74LS136N		R2235 1 R2236 1 R2237 1	-215-487-00 -247-891-00 -247-891-00 -247-891-00 -247-891-00	CARBON 330K CARBON 330K	5% 1 5% 1 5% 1	/4W /4W /4W /4W	
TRA	NSISTOR		R2239 1	-249-440-11	CARBON 82K		/4W	
	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785		R2240 1 R2241 1 R2242 1 R2246 1 R2247 1	-249-429-11 -249-429-11 -249-393-11 -249-417-11 -249-411-11	CARBON 10K CARBON 10K CARBON 10 CARBON 1K CARBON 330	5% 1 5% 1 5% 1	/4W /4W /4W /4W /4W	
Q2210 8-729-178-54 Q2211 8-729-178-54 Q2219 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SA1175		R2248 1 R2249 1 R2250 1 R2251 1	-249-423-11 -249-417-11 -249-432-11 -249-424-11 -249-429-11	CARBON 3.3K CARBON 1K CARBON 18K CARBON 3.9K	5% 1 5% 1 5% 1	/4W /4W /4W /4W	
Q2304 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785		R2254 1 R2272 1 R2273 1	-249-423-11 -249-417-11 -249-419-11 -249-429-11 -249-429-11	CARBON 1K	5% 1 5% 1 5% 1	/4W /4W /4W /4W	
Q2312 8-729-178-54 Q2313 8-729-178-54 Q2314 8-729-178-54 Q2315 8-729-178-54 Q2316 8-729-900-36	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR DTC124ES		R2276 1 R2277 1 R2278 1	-249-421-11 -249-429-11 -249-417-11 -249-429-11 -249-441-11	CARBON 2.2K CARBON 10K CARBON 1K CARBON 10K CARBON 100K	5% 1 5% 1 5% 1	/4W /4W /4W /4W	
Q2317 8-729-900-36 Q2318 8-729-117-54	TRANSISTOR DTC124ES TRANSISTOR 2SA1175			-249-405-11 -249-429-11	CARBON 100 CARBON 10K	5% 1	/4W /4W	



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Ref.No. Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R2282 1-247-891-00	CARBON	330K	5%	1/4W		R2387	1-249-417-11	CARBON	1K	5%	1/4W	
R2283 1-247-891-00	CARBON	330K	5%	1/4W		R2388	1-249-429-11	CARBON	10K	5%	1/4W	
R2302 1-247-704-11	CARBON	220	5%	1/4W		R2389	1-249-417-11	CARBON		5%	1/4W	
R2304 1-247-704-11	CARBON	220	5%	1/4W		R2390	1-247-717-11	CARBON		5%	1/4W	
R2306 1-247-704-11	CARBON	220	5%	1/4W		R2391	1-247-717-11	CARBON		5%	1/4W	
112000	0,1110011		-,-	-,		112032	2 5 17 7 27 22	CANDON	C.CI	370	1/ 44	
R2307 1-247-713-11	CARBON	1K	5%	1/4W		R2392	1-247-104-00	CARBON	75	5%	1/4W	
R2308 1-215-493-00	CARBON	1M	5%	1/4W		R2393	1-247-104-00	CARBON		5%	1/4W	
R2314 1-249-417-11	CARBON	1K	5%	1/4W		R2417	1-249-401-11	CARBON		5%	1/4W	
R2325 1-249-417-11	CARBON	1K	5%	1/4W		R2418						
R2327 1-249-417-11	CARBON	1K	5%	1/4W		1 42410	1-249-401-11	CARBON	4/	5%	1/4W	
KESE/ 1-249-41/-11	CARDON	III	3 /6	1/44		1	CLIZ	TCU				
R2337 1-249-417-11	CARBON	1K	5%	1/4W		1	3W I	TCH				
R2340 1-249-424-11	CARBON	3.9K	5%	1/4W		\$2001	1-570-145-11	CULTCU CLIDE				
R2344 1-249-417-11	CARBON	1K	5%	1/4W		The same and the		SWITCH, SLIDE				
R2345 1-247-725-11		10K				\$2002	1-570-145-11	SWITCH, SLIDE				
	CARBON		5%	1/4W		S2003	1-570-145-11	SWITCH, SLIDE				
R2346 1-249-429-11	CARBON	10K	5%	1/4W		S2004	1-570-145-11	SWITCH, SLIDE				
R2349 1-249-428-11	CADRON	0 21/	EN	1 / ///		1	001	MEGTOR				
	CARBON	8.2K	5%	1/4W		1	CON	INECTOR				
R2350 1-249-427-11	CARBON	6.8K	5%	1/4W		1 1101	11 566 050 11					
R2351 1-249-417-11	CARBON	1K	5%	1/4W		UAl	*1-566-058-11	PIN, CONNECTO				
R2352 1-249-434-11	CARBON	27K	5%	1/4W		UA2	*1-566-058-11	PIN, CONNECTO				
R2353 1-249-433-11	CARBON	22K	5%	1/4W		I UA3	*1-566-056-11	PIN, CONNECTO				
						UA4	*1-566-057-11	PIN, CONNECTO)R 5P			
R2354 1-247-725-11	CARBON	10K	5%	1/4W		UA5	*1-508-767-00	5P PLUG				
R2355 1-249-419-11	CARBON	1.5K	5%	1/4W								
R2356 1-247-698-11	CARBON	68	5%	1/4W		UA6	*1-566-057-11	PIN, CONNECTO	OR 5P			
R2357 1-247-717-11	CARBON	2.2K	5%	1/4W		UA8	*1-566-054-11	PIN, CONNECTO)R 2P			
R2358 1-215-468-00	CARBON	91K	5%	1/4W		UA11	*1-566-055-11	PIN. CONNECTO	OR 3P			
						UA12	*1-508-784-00	1P PLUG				
R2359 1-249-434-11	CARBON	27K	5%	1/4W		UA15	*1-566-057-11	PIN, CONNECTO	OR 5P			
R2360 1-249-428-11	CARBON	8.2K	5%	1/4W		1						
R2361 1-249-421-11	CARBON	2.2K	5%	1/4W		UA16	*1-566-055-11	PIN, CONNECTO	DR 3P			
R2362 1-249-429-11	CARBON	10K	5%	1/4W		UA17	*1-566-054-11	PIN, CONNECTO				
R2363 1-249-405-11	CARBON	100	5%	1/4W				1 211, 0011112010	, L1			
						*****	******	******	*****	****	*****	*****
R2364 1-249-421-11	CARBON	2.2K	5%	1/4W		i						
R2365 1-249-425-11	CARBON	4.7K	5%	1/4W		i	*A-1375-069-A	H3 BOARD, COM	IDI ETE			
R2366 1-247-721-11	CARBON	4.7K	5%	1/4W		i	11 23/3 003 11	******				
R2367 1-247-704-11	CARBON	220	5%	1/4W		1						
R2368 1-249-425-11	CARBON	4.7K	5%	1/4W		1	CAP	ACITOR				
NESSO STATE	O/ III D O/I		0,0	-/ /11		i	CAT	ACTION				
R2369 1-249-433-11	CARBON	22K	5%	1/4W		C971	1-108-830-00	MYLAR	0.0027M	IF.	10%	50V
R2370 1-249-437-11	CARBON	47K	5%	1/4W		C972	1-130-481-00	MYLAR	0.0068M		10%	50 V
R2371 1-249-429-11	CARBON	10K	5%	1/4W		C973	1-108-837-00	MYLAR	0.0000N	" DV J	10%	50 V
R2372 1-249-422-11	CARBON	2.7K	5%	1/4W		C974	1-124-462-00	ELECT	10MF		20%	16V
R2373 1-249-428-11	CARBON	8.2K	5%	1/4W		C981	1-130-487-00	MYLAR	0.022MF		5%	50V
	3, 11, 5 3.1	O, Ch	0,0	-/ 111		5501		I LAK	0.02211		370	JU V
R2374 1-249-423-11	CARBON	3.3K	5%	1/4W		C990	1-124-462-00	ELECT	10MF		20%	16V
R2375 1-249-421-11	CARBON	2.2K	5%	1/4W		C991	1-124-462-00	ELECT	10MF		20%	16V ·
R2376 1-249-425-11	CARBON	4.7K	5%	1/4W		1 0331	1-124-402-00	LLLUI	10111		20/6	104
R2377 1-249-425-11	CARBON	4.7K	5%	1/4W		i	DIO	nne.				
R2378 1-249-425-11		4.7K		1/4W		1	010	IUL .				
KE370 1-243-423-11	CARDON	7./1	3 /6	1/ 4W		D971	9 710 100 05	DIONE DOE 150	D2			
R2379 1-247-700-11	CARBON	100	5%	1/4W		D981	8-719-109-85	DIODE RD5.1ES	0-02			
R2380 1-247-721-11								DIODE 1SS119	. 02			
			5%	1/4W		D982	0-/19-109-9/	DIODE RD6.8ES				
R2381 1-247-721-11		4.7K	5%	1/4W		1	001	INFCTOR				
R2382 1-249-421-11	CARBON	2.2K	5%	1/4W			CON	INECTOR				
R2383 1-249-421-11	CARBON	2.2K	5%	1/4W		1 112 0	11 500 004 11	D.T.U				
D2204 1 240 401 11	CADDON	2 01	F~	1 / 411			*1-566-054-11	,	JK ZF			
R2384 1-249-421-11	CARBON	2.2K	5%	1/4W			*1-566-057-11	PIN, CONNECTO				
R2385 1-249-421-11	CARBON	2.2K	5%	1/4W			*1-566-054-11	PIN, CONNECTO				
R2386 1-249-417-11	CARBON	1K	5%	1/4W		1 H3-5	*1-566-055-11	PIN, CONNECTO	DR 3P			

H3 K

										L		
Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description			Remark
	*1-566-055-11 *1-566-055-11	PIN, CONNECTOR PIN, CONNECTOR						CAP	ACITOR			
	<u>IC</u>	ataria c					C201 C202 C203	1-124-270-11 1-124-270-11 1-124-126-00	ELECT ELECT ELECT	0.47MF 0.47MF 47MF	20% 20% 20%	50V 50V 16V
	8-759-933-23 1.8-759-171-05						C204	1-124-126-00 1-108-850-11	ELECT MYLAR	47MF 0.12MF	20% 10%	16V 50V
	COI	<u>[L</u>					C206	1-102-125-00	CERAMIC	0.0047MF		50V
L990	1-408-424-00	INDUCTOR	1800	JH			C207 C208 C209	1-102-125-00 1-108-850-11 1-124-038-00	CERAMIC MYLAR ELECT	0.0047MF 0.12MF 1MF	10% 10% 20%	50 V 50 V 50 V
	IRA	NSISTOR					C210	1-124-045-00	ELECT	4.7MF	20%	50V
Q971 Q981 Q982 Q990	8-729-178-54 8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC	2785				C211 C212 C213 C218 C219	1-124-045-00 1-124-045-00 1-124-041-91 1-123-985-81 1-126-101-11	ELECT ELECT ELECT ELECT ELECT	4.7MF 4.7MF 220MF 1000MF 100MF	20% 20% 20% 20% 20%	50V 50V 16V 16V 16V
	RES	SISTOR					 C220	1-123-379-00	ELECT	0.47MF	20%	50V
R977 R978 R979 R980 R981	1-249-433-11 1-249-433-11 1-249-429-11 1-249-408-11 1-249-405-11	CARBON CARBON CARBON	22K 22K 10K 180 100	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		C221 C222 C223 C224	1-123-379-00 1-162-283-31 1-162-283-31 1-124-034-91	ELECT CERAMIC CERAMIC ELECT	0.47MF 120PF 120PF 33MF	20% 10% 10% 20%	50V 50V 50V 16V
R982	1-249-432-11	CARBON	18K	5%	1/4W			1-124-474-91	ELECT	47MF	20%	16V
R983	1-249-427-11	CARBON	6.8K	5%	1/4W		C227	1-130-495-00 1-123-379-00	MYLAR ELECT	0.1MF 0.47MF	10% 20%	50V 50V
R984 R985 R986	1-249-417-11 1-249-418-11 1-249-420-11	CARBON	1K 1.2K 1.8K	5% 5% 5%	1/4W 1/4W 1/4W		C229	1-123-379-00 1-162-283-31	ELECT CERAMIC	0.47MF 120PF	20%	50V 50V
R987 A	1-249-397-51	CARBON	22	5%	1/4W	F	C231	1-162-283-31 1-124-034-91	CERAMIC ELECT	120PF 33MF	10%	50V
R991	1-249-417-11	CARBON	1K	5%	1/4W		C233	1-124-477-11	ELECT	47MF	20% 20%	16V 16V
R992 R993 R994	1-249-434-11 1-249-434-11 1-249-438-11	CARBON	27K 27K 56K	5% 5% 5%	1/4W 1/4W 1/4W		C235	1-130-495-00 1-124-471-00	MYLAR ELECT	0.1MF 1000MF	10% 20%	50V 6.3V
R995	1-249-437-11	CARBON	47K	5%	1/4W		C237	1-102-074-00 1-102-074-00	CERAMIC CERAMIC	0.001MF 0.001MF	10% 10%	50V
R996 R997 R998	1-249-399-11 1-249-421-11 1-249-429-11	CARBON CARBON	33 2.2K 10K	5% 5% 5%	1/4W 1/4W 1/4W		C239 C240 C241	1-101-006-00 1-101-006-00 1-101-006-00	CERAMIC CERAMIC CERAMIC	0.047MF 0.047MF 0.047MF	10%	50V 50V 50V 50V
	VAR	IABLE RESISTOR					C242					
RV972 RV973 RV974	1-228-725-00 1-237-348-11 1-237-349-11	RES, ADJ, CERA RES, VAR, CARB RES, VAR, CARB	ON 5K		1 22K		C242 C243 C246 C251 C252	1-125-296-00 1-125-296-00 1-123-356-00 1-123-356-00 1-123-875-11	ELECT(BLOCK) ELECT ELECT ELECT ELECT		20% 20% 20%	35 V 35 V 16 V 16 V 50 V
	SWI	ТСН						DIO			20,0	
\$972 \$973	1-570-758-11	SWITCH, ROTARY SWITCH, ROTARY		****	*****	******	D202	8-719-111-99 8-719-911-19 8-719-110-36 8-719-112-90	DIODE RD6.2E DIODE 1SS119 DIODE RD13ES DIODE RD13ES	-B2		
	*A-1380-189-A	K BOARD, COMPL	ETE ***					IC				
	4-309-378-00	WASHER					IC204 A	8-759-276-30 8-759-111-88 8-759-111-88	IC TA7630P IC UPC1188H IC UPC1188H			2004 2004
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The components identified by shading and mark are critical for safety.

Replace only with part number specified.

PVM-2530 RM-739



Ref.No	. Part No.	Description	n			Remark	Ref.No.	Part No.	Description				Remark
		INECTOR					R252	1-249-419-11 1-249-423-11	CARBON CARBON	1.5K 3.3K		1/4W 1/4W	
K1		PIN, CONNE	CTOR 7P				ļ						
K2	*1-508-767-00		OTOD AD				*****	******	******	*****	****	*****	*****
K3 K4	*1-566-056-11 *1-566-054-11	PIN, CONNEC					}	*9-990-890-01	U2 BOARD (VEV	POADD	HALTT	0.)	
K5	*1-508-765-00							~9-990-090-01	H2 BOARD (KEY			A)	
	<u>CO1</u>	L						DIO	DDE				
L201	1-408-424-00	INDUCTOR	1800	Н			D901	8-719-911-19	DIODE 1SS119				
							D902	8-719-911-19	DIODE 1SS119				
	TRA	INSISTOR					D903	8-719-911-19	DIODE 1SS119				
0201	0 720 170 54	TRANSISTOR	200705				D904	8-719-911-19	DIODE 1SS119				
Q201 Q204	8-729-178-54 8-729-178-54	TRANSISTOR TRANSISTOR					D905	8-719-911-19	DIODE 1SS119				
Q204 Q205	8-729-178-54	TRANSISTOR					D906	8-719-911-19	DIODE 1SS119				
Q206	8-729-117-54	TRANSISTOR					D907	8-719-911-19	DIODE 1SS119				
0209	8-729-117-54	TRANSISTOR					D908	8-719-911-19	DIODE 1SS119				
							D909	9-990-893-01					
Q211	8-729-177-43	TRANSISTOR	2SD774				D910	9-990-893-01	LED TLY263P				
	DEC	SISTOR					 D911	9-990-893-01	LED TIVECTO				
	KLS	51310K					D911	9-990-893-01	LED TLY263P LED TLY263P				
R201	1-249-441-11	CARBON	100K	5%	1/4W		D913	9-990-893-01	LED TLY263P				
R202	1-249-441-11	CARBON	100K	5%	1/4W		D914	9-990-893-01	LED TLY263P				
R203	1-249-419-11	CARBON	1.5K	5%	1/4W		D915	9-990-893-01	LED TLY263P				
R204	1-249-429-11	CARBON	10K	5%	1/4W		1	3 330 030 01	LLO ILILOSI				
R205	1-249-429-11	CARBON	10K	5%	1/4W		D916	9-990-893-01	LED TLY263P				
							D917	9-990-893-01	LED TLY263P				
R206	1-249-429-11	CARBON	10K	5%	1/4W		D918	9-990-893-01	LED TLY263P				
R207	1-249-419-11	CARBON	1.5K	5%	1/4W		D919	9-990-893-01	LED TLY263P				
R208	1-249-419-11	CARBON	1.5K	5%	1/4W		D920	9-990-893-01	LED TLY263P				
R211	1-249-415-11	CARBON	680	5%	1/4W	582		14175 327		4			
K221	A1-249-403-51	CARBON	68	5%	1/4W	F	D921	9-990-893-01	LED TLY263P				
D222	1 240 420 11	CADDON	104	E o/	1 / / / /		D922	9-990-893-01	LED TLY263P				
R222 R223	1-249-429-11 1-249-433-11	CARBON	10K 22K	5% 5%	1/4W 1/4W		D923	9-990-893-01 9-990-893-01	LED TLY263P				
R224	1-249-437-11	CARBON	47K	5%	1/4W		D925	9-990-893-01	LED TLY263P LED TLY263P				
R225	1-249-409-11	CARBON	220	5%	1/4W		1 0323	3-330-033-01					
R227	1-249-430-11	CARBON	12K	5%	1/4W		D926	9-990-893-01	LED TLY263P				
KLL	1 213 730 11	CHILDON	ZEIS	0 /0	27 771		D927	9-990-893-01	LED TLY263P				
R228	1-249-390-11	CARBON	5.6	5%	1/4W	F	D928	9-990-893-01					
R229	1-249-430-11	CARBON	12K	5%	1/4W		D929	9-990-893-01	LED TLY263P				
R230	1-249-433-11	CARBON	22K	5%	1/4W		D930	9-990-893-01	LED TLY263P				
R231	1-249-438-11	CARBON	56K	5%	1/4W								
R232	1-249-409-11	CARBON	220	5%	1/4W		D931	9-990-893-01	LED TLY263P				
R234	1-249-430-11	CARBON	12K	5%	1/4W			RES	SISTOR				
R235 Z	1-249-390-51	CARBON	5.6	5%	1/4W	F							
R236	1-249-429-11	CARBON	10K	5%	1/4W		R901	1-247-700-11			5%	1/4W	
		CARBON	10K	5%	1/4W			1-247-700-11		100		1/4W	
R238	1-249-423-11	CARBON	3.3K	5%	1/4W		R903			100	5%	1/4W	
0220	1 040 427 11	CARROLL	A 712	E~	1 / 41 -		R904	1-247-700-11	CARBON	100	5%	1/4W	
R239	1-249-437-11	CARBON	47K	5%	1/4W		R905	1-247-700-11	CARBON	100	5%	1/4W	
R240	1-249-430-11	CARBON CARBON	12K 100K	5%	1/4W		D006	1 247 700 11	CARBON	100	E9/	1 //١	
R241 R242	1-249-441-11 1-249-429-11	CARBON	100K	5% 5%	1/4W 1/4W		R906 R907	1-247-700-11 1-247-700-11	CARBON	100	5% 5%	1/4W 1/4W	
R243	1-249-425-11	CARBON	4.7K		1/4W		R908	1-247-700-11	CARBON	100	5%	1/4W	
NETO	1-647-467-11	CARDON	7./1	J /6	1/4W		R909	1-247-700-11	CARBON	100	5%	1/4W	
R244	1-249-417-11	CARBON	1K	5%	1/4W		R910	1-247-700-11		100	5%	1/4W	
R245	1-249-417-11	CARBON	1K	5%	1/4W		1,510		CHILDON	100	010	1/ TH	
	1-249-417-11	CARBON	1K	5%	1/4W		R911	1-247-700-11	CARBON	100	5%	1/4W	

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

H2





Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R912 R913 R914 R915 R916	1-247-700-11 1-247-700-11 1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON CARBON CARBON	100 100 100 100 100	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		D957 D958 D959 D960 D961		LED TLY263P LED TLY263P LED TLY263P LED TLY263P LED TLY263P				
R917 R918	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W			RES	ISTOR				
R919 R920 R921	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	100 100 100	5% 5% 5%	1/4W 1/4W 1/4W		R935 R937 R938 R939	1-247-703-11 1-247-714-11 1-247-700-11	CARBON CARBON CARBON	180 1.2K 100	5% 5% 5%	1/4W 1/4W 1/4W	
R922 R923	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W		R940	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W	
SWITCH					R941 1-247-700-11 R942 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W				
S901 S902 S903	1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	Y BOAR	D SWI	TCH)		R943 R944 R945	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	100 100 100	5% 5% 5%	1/4W 1/4W 1/4W	
S904 S905	1-553-766-00 1-553-766-00	MT SWITCH (KE	Y BOAR	D SWI	TCH)		R946	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W	
S906 S907 S908	1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (KE	Y BOAR	D SWI	TCH)		R948 R949 R950	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	100 100 100	5% 5% 5%	1/4W 1/4W 1/4W	
\$909 \$910	1-553-766-00 1-553-766-00	MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	Y BOAR	D SWI	TCH)		R951	1-247-700-11	CARBON	100	5%	1/4W	
STATE OF THE STATE					SWITCH								
S911 S912 S913 S913 S915	1-553-766-00 1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	Y BOAR Y BOAR Y BOAR	D SWI	TCH) TCH) TCH)		S935 S936 S937 S938	1-553-766-00 1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (K MT SWITCH (K MT SWITCH (K MT SWITCH (K	EY BOAR EY BOAR	D SWI	TCH) TCH) TCH)	
*****	******	*****	****	****	*****	******	S939	1-553-766-00	MI SMIICH (K	EY BOAR	D SWI	TCH)	
	*9-990-897-01	H1 BOARD (KEY	BOARD	UNIT	B)		S940 S941 S942 S943	1-553-766-00 1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (K	EY BOAR	D SWI	TCH) TCH)	
	DIO	DE											
D935 D936 D937 D938 D939	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119					ĺ	************ *9-990-898-01 IC	N BOARD (KEY				*****
								10					
D940 D941 D944	8-719-911-19 8-719-911-19 9-990-901-01	DIODE 1SS119 DIODE 1SS119						8-741-138-70					
D946	9-990-901-01	LED TLS263P LED TLS263P					******	******	******	*****	****	*****	*****
D948		9-990-893-01 LED TLY263P				MISCELLANEOUS ************							
D949 D950 D951 D952 D953	9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P					Δ	.1-230-712-22 .1-426-296-11 .1-451-255-22 1-452-032-00 1-452-094-00	COIL, DEMAGN DEFLECTION Y MAGNET, DISK	ETIZATI OKE (SY : 10MM	ON -164) ø		
D954 D955	9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P					l I	1-452-146-21	MAGNET, BMC			,	
D956	9-990-893-01						i A	.1-452-351-22	NECK ASSY, C	RT (NA3	02)		

The components identified by shading and mark A are critical for safety.

Replace only with part number specified.

Ref.No. Part No.	Description	Remark
1-464-747-11	KEY BOARD UNIT (A)	
1-464-748-11	KEY BOARD UNIT (B)	
A. 1-526-920-12	AC OUTLET (WITH EARTH)	
▲. 1-557-970-11	CORD, POWER	
R1901A.1-205-904-11	RES, CEMENT WIREWOUND 1 5%	30W
S1901A.1-554-966-12	SWITCH, PUSH (AC POWER)(1 KEY	()
S1902A.1-570-757-11	SWITCH, PUSH (DEGAUSS SWITCH)	
T604 A.1-439-339-14	TRANSFORMER ASSY, FLYBACK	
V901 A.8-736-652-05	PICTURE TUBE (A64JKJ10X)	

ACCESSORIES AND PACKING MATERIALS

Part No.	Description Remark	
A-1470-783-A 1-566-316-11 *4-371-192-01 *4-380-432-01 *4-382-051-01	COMMANDER ASSY (RM-739) CONNECTOR, CONVERSION CUSHION (FRONT) BAG, PROTECTION CUSHION (LOWER) (ASSY)	
*4-382-053-01 *4-385-609-01 *4-385-610-01 4-482-344-25	CUSHION (UPPER) (ASSY) INDIVIDUAL CARTON (FOR DARK GRAY) INDIVIDUAL CARTON (FOR LIGHT GRAY) MANUAL INSTRUCTION	

The components identified by shading and mark are critical for safety.

Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

> T.C. Corp 10 North Main St Wharton NJ 07885 www.servicemanuals.net

Sony Corporation
TV Group

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